# ComEd® Energy Efficiency Program
## Small Business Offering Measures Incentives and Specs

**Note:** New measures are highlighted in gray, updated measures are marked in red

### Lighting

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<tr>
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<th>Incentive</th>
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</table>
| Indoor Lighting Retrofit     | Watts Reduced | $0.30     | Replacement of an existing interior lighting system with a retrofit lighting system containing T8/T5 lamps and electronic ballasts (project does not have to be a one-for-one replacement) | 1. T8/T5 lamps must have a CRI ≥80 and 4-foot T8 lamps must meet CEE specifications: [https://library.cee1.org/content/commercial-lighting-qualifying-products-lists](https://library.cee1.org/content/commercial-lighting-qualifying-products-lists).
2. Ballasts must meet the following specs:
   • High frequency (≥ 20 kHz)
   • Power factor (PF) ≥ 0.90
   • UL or ETL listed and must not impact existing UL or ETL listing
   • Warranted against defects for five (5) years
   • Ballasts for 4-foot lamps must have total harmonic distortion (THD) ≤ 20 percent at full light output.
   • For 2- and 3-foot lamps, ballasts must have THD ≤ 32 percent at full light output.
3. This measure does not apply to channel signs, open signs or refrigerated display case lighting. |
| Outdoor Lighting Retrofit    | Watts Reduced | $0.30     | Replacement of an existing exterior lighting system with a retrofit lighting system containing T8/T5 lamps and electronic ballasts (project does not have to be a one-for-one replacement) | 1. T8/T5 lamps must have a CRI ≥80 and 4-foot T8 lamps must meet CEE specifications: [https://library.cee1.org/content/commercial-lighting-qualifying-products-lists](https://library.cee1.org/content/commercial-lighting-qualifying-products-lists).
2. Ballasts must meet the following specs:
   • High frequency (≥ 20 kHz)
   • Power factor (PF) ≥ 0.90
   • UL or ETL listed and must not impact existing UL or ETL listing
   • Warranted against defects for five (5) years
   • Ballasts for 4-foot lamps must have total harmonic distortion (THD) ≤ 20 percent at full light output.
   • For 2- and 3-foot lamps, ballasts must have THD ≤ 32 percent at full light output.
3. When apply for highout T12 baseline wattage, photos must accompany the application. Photo requirements are as follows for each type of original fixture:
   • One close-up photo showing the post-retrofit quantity of fluorescent lamps in the fixture
   • One close-up photo showing the post-retrofit quantity of fluorescent lamps in the fixture.
4. This measure does not apply to channel signs, open signs or refrigerated display case lighting. |
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| LED Decorative    | Each  | $3.00     | Replacement of a decorative incandescent screw-in bulb with an LED decorative screw-in bulb. | 1. All LED screw-in bulbs and LED Exit Sign retrofit kits/fixtures must be on the Instant Discounts Approved Products List and must be purchased from a Participating Distributor (formerly known as the BILD Approved Products List and BILD Distributor respectively).  
2. The Participating Distributor must be notified of the quantity/type of LED bulbs and LED Exit Sign retrofit kits/fixtures that are for the Small Business Offering.  
3. Documentation is required to indicate which Participating Distributor the equipment was purchased from.  
4. The existing fixture must be permanent. Display fixtures are not eligible.  
5. Manufacturer specification sheets must accompany the application. |
| LED Directional R/BR | Each  | $4.00     | Replacement of a directional R/BR incandescent screw-in bulb with an LED directional R/BR screw-in bulb. |
| LED Omnidirectional | Each  | $2.00     | Replacement of an omnidirectional incandescent screw-in bulb with an LED omnidirectional screw-in bulb. |
| LED Directional MR | Each  | $3.00     | Replacement of a directional MR incandescent screw-in bulb with an LED directional MR screw-in bulb. |
| LED Directional PAR 16 | Each  | $5.00     | Replacement of a directional PAR 16 incandescent screw-in bulb with an LED directional PAR 16 screw-in bulb. |
| LED Directional PAR 20 | Each  | $5.00     | Replacement of a directional PAR 20 incandescent screw-in bulb with an LED directional PAR 20 screw-in bulb. |
| LED Directional PAR 30 | Each  | $7.00     | Replacement of a directional PAR 30 incandescent screw-in bulb with an LED directional PAR 30 screw-in bulb. |
| LED Directional PAR 38 | Each  | $9.00     | Replacement of a directional PAR 38 incandescent screw-in bulb with an LED directional PAR 38 screw-in bulb. |
| Hardwired Exit Sign Retrofit | Kit   | $20.00    | Retrofit of an existing incandescent or fluorescent exit sign using an LED hardwired exit sign retrofit kit. |
| New Exit Sign Fixture | Sign  | $5.00     | Replacement of an existing incandescent or fluorescent exit sign with a new LED exit sign fixture. |
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#### Small Business Offering Measures Incentives and Specs

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| **LED Refrigerated Display Case Lighting** | Lamp | $50.00    | Replacement of fluorescent refrigerated display case lighting with a DLC-qualified LED fixture. | 1. Manufacturer’s specifications for new fixtures, lamps and ballasts must accompany application.  
2. The existing ballast must be removed as part of the fixture replacement.  
3. Photos must accompany the application. Photo requirements are as follows for each type of original fixture:  
   • One close-up photo of the ballast nameplate or lamp stamp as documentation of the wattage of the original fixture.  
| **Remote Mounted Occupancy Sensor**    | Each | $75.00    | Installation of new occupancy sensors on a new or existing lighting system. Lighting control types covered by this measure include wall, ceiling or fixture mounted occupancy sensors. Passive infrared, ultrasonic detectors and fixture-mounted sensors or sensors with a combination thereof are eligible. Advanced lighting control systems (with multiple lighting control strategies) are eligible for this measure category. | 1. Replacement of existing occupancy sensors or other control technologies is not eligible for this incentive.  
2. Lighting controls required by state energy codes are not eligible.  
3. A manufacturer’s specification sheet must accompany the application.  
**For advanced lighting control systems:**  
4. The control system must meet the following specifications:  
   • System must have a graphical user interface that is accessible from a computer and/or mobile device  
   • System must have network interoperability (e.g. BACNet MS/TP, Zigbee, etc.)  
   • System should have the ability to show the “real-time” status of the light fixtures (e.g. on/off, dimmed, etc.)  
   • All installed sensors must be tied to the central control system  
5. At least two control strategies must be implemented. The following are suggested control strategies:  
   • Occupancy Sensors (with time setting controls) - Sensors should have adjustable timeout settings.  
   • Dimming (continuous or step)  
   • Daylighting Controls  
   • Photocells  
   • Zone Control - at least (2) zones in a facility with different profiles  
   • Scheduling - lighting is managed based off shifts, operating hours, seasonal changes, etc.  
   • High-End Trimming - setting a maximum light allowance at less than 100 percent light output  
   • User Set Preference/Occupancy Profiles - lighting operation set according to specific user  
6. The LG dongle on its own is NOT considered a fixture-mounted occupancy sensor. |
<p>| <strong>Fixture Mounted Occupancy Sensor</strong>   | Each | $50.00    |                                                                                                  |                                                                                                                                                                  |</p>
<table>
<thead>
<tr>
<th>Measure</th>
<th>Control Type</th>
<th>Watt Control</th>
<th>Notes</th>
</tr>
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<tbody>
<tr>
<td>Daylighting Controls</td>
<td>Watt Controlled</td>
<td>$0.25</td>
<td>Installation of new daylighting controls on a new or existing lighting system in spaces with reasonable amounts of sunlight exposure and areas where task lighting is not critical. Controls can be on/off, stepped or continuous (dimming).</td>
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<td>1. Replacement of existing occupancy sensors or other control technologies is not eligible for this incentive.</td>
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<td>2. The on/off controller must turn off artificial lighting when the interior illuminance meets the desired indoor lighting level.</td>
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<td>3. Daylight sensor controls are required to be calibrated.</td>
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<td>4. A manufacturer’s specification sheet must accompany the application.</td>
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<tr>
<td>Occupancy Sensors Plus Daylighting Controls</td>
<td>Watt Controlled</td>
<td>$0.35</td>
<td>Installation of both occupancy sensors and daylighting controls to control the same fixture.</td>
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<td>1. Must meet all specifications for Occupancy Sensors and Daylighting Controls, above.</td>
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<td>2. A manufacturer’s specification sheet must accompany the application.</td>
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<tr>
<td>Dimming Technology</td>
<td>Watt Controlled</td>
<td>$0.25</td>
<td>Install a dimming control to adjust light levels through commissioning and technology or manual change by the occupants</td>
</tr>
<tr>
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<td></td>
<td>1. Replacement of existing occupancy sensors or other control technologies is not eligible for this incentive.</td>
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<td>2. Lighting controls required by state energy codes are not eligible.</td>
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<td>3. A manufacturer’s specification sheet must accompany the application.</td>
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<tr>
<td>Occupancy Sensors with Dimming Technology</td>
<td>Watt Controlled</td>
<td>$0.35</td>
<td>Installation of both occupancy sensors and dimming controls to control the same fixture.</td>
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<td></td>
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<td></td>
<td>1. Must meet all specifications for Occupancy Sensors and Dimming Controls, above.</td>
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<td></td>
<td>2. A manufacturer’s specification sheet must accompany the application.</td>
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| New T8/T5 Fixtures with Electronic Ballasts       | Watt Reduced | $0.70    | Replacement of an existing interior lighting system with a new lighting system containing T8/T5 fixtures with T8/T5 lamp(s) and electronic ballasts (project does not have to be a one-for-one replacement). | 1. Manufacturer’s specifications for new fixtures, lamps and ballasts must accompany application.  
2. Photos must accompany the application. Photo requirements are as follows for each type of original fixture:  
   • One close-up photo of the ballast nameplate or lamp stamp as documentation of the wattage of the original fixture.  
3. Incentives are only available for new fixtures. New fixtures must consist entirely of new components and be unopened at time of purchase. (Retrofits may be eligible for incentives listed under the Indoor Lighting Retrofit measure in this worksheet.)  
4. T8/T5 lamps must have a CRI ≥80 and 4-foot T8 lamps must meet CEE specifications: https://library.cee1.org/content/commercial-lighting-qualifying-products-lists.  
5. Ballasts must meet the following specs:  
   • High frequency (≥20 kHz)  
   • Power factor (PF) ≥0.90  
   • UL or ETL listed  
   • Warranted against defects for 5 years  
6. Ballasts for 4-foot lamps must have total harmonic distortion (THD) ≤20 percent at full light output.  
7. For 2- and 3-foot lamps, ballasts must have THD ≤32 percent at full light output. |
| 400W MH to 6L 4F T8 Fixture with Fixture Mounted Occupancy Sensor | Each | $250.00 | Replacement of an existing interior 400 W metal halide with a new 6-Lamp T8 fixture and electronic ballast and fixture mounted occupancy sensor |  
8. Incentives are only available for new fixtures. New fixtures must consist entirely of new components and be unopened at time of purchase. (Retrofits may be eligible for incentives listed under the Indoor Lighting Retrofit measure in this worksheet.)  
9. T8/T5 lamps must have a CRI ≥80 and 4-foot T8 lamps must meet CEE specifications: https://library.cee1.org/content/commercial-lighting-qualifying-products-lists.  
10. Ballasts must meet the following specs:  
    • High frequency (≥20 kHz)  
    • Power factor (PF) ≥0.90  
    • UL or ETL listed  
    • Warranted against defects for 5 years  
11. Ballasts for 4-foot lamps must have total harmonic distortion (THD) ≤20 percent at full light output.  
12. For 2- and 3-foot lamps, ballasts must have THD ≤32 percent at full light output. |
| 250W MH to 4L 4F T8 Fixture with Fixture Mounted Occupancy Sensor | Each | $200.00 | Replacement of an existing interior 250 W metal halide with a new 4-Lamp T8 fixture and electronic ballast and fixture mounted occupancy sensor |  
13. Induction Fixtures                                      | Watt Reduced | $0.70    | Replacement or retrofit of an existing interior lighting system with a new lighting system containing induction fixtures (project does not have to be a one-for-one replacement). | 1. Manufacturer’s specifications for new fixtures, lamps and ballasts must accompany application.  
2. Photos must accompany the application. Photo requirements are as follows for each type of original fixture:  
   • One close-up photo of the ballast nameplate or lamp stamp as documentation of the wattage of the original fixture.  
3. Induction fixture or retrofit must have a CRI ≥80 and a mean efficacy ≥50 lumens per watt (LPW).  
4. The wattage of the new fixture must be lower than the wattage of the fixture being replaced.  
5. The retrofit must not void the fixture’s UL or ETL listing. |
### LED Fixtures (DLC Premium Classification)

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|              | Watt Reduced | $0.70     | Replacement or retrofit of an existing interior lighting system with a new lighting system containing LED fixtures (project does not have to be a one-for-one replacement). (Note: This measure does not apply to LED exit signs, channel signs, open signs, refrigerated display case lighting, or any style of screw-in based LED, including corn cob bulbs or mogul-based bulbs.) | 1. Manufacturer’s specifications for new fixtures, retrofit kits, must accompany application.  
2. Photos must accompany the application. Photo requirements are as follows for each type of original fixture:  
• One close-up photo of the ballast nameplate or lamp stamp as documentation of the wattage of the original fixture.  
4. Applications for LED retrofits must include documentation from the LED product manufacturer that clearly defines compatibility of the LED product with the fixture being retrofitted. Documentation from the manufacturer must include the model of the LED retrofit kit, the fixture model or type being retrofitted and that the retrofit kit is compatible with the existing fixture. |

### TLED (Type C)

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|              | Watt Reduced | $0.70     | Retrofit of an existing interior lighting system with **UL Type C Tubular LEDs** (project does not have to be a one-for-one replacement). (Note: This measure does not apply to LED exit signs, channel signs, open signs, refrigerated display case lighting, or any style of screw-in based LED, including corn cob bulbs or mogul-based bulbs.) | 1. Manufacturer’s specifications for Tubular LEDs (TLEDs), and external drivers must accompany application.  
2. Photos must accompany the application. Photo requirements are as follows for each type of original fixture:  
• One close-up photo of the ballast nameplate or lamp stamp as documentation of the wattage of the original fixture.  
• One close-up photo showing the post-retrofit quantity of TLEDs in the fixture.  
**Tubular LED Products must specifically be categorized under "Replacement Lamp" and only UL Type C qualifies.**  
4. Applications for LED retrofits must include documentation from the LED product manufacturer that clearly defines compatibility of the LED product with the fixture being retrofitted. Documentation from the manufacturer must include the model of the LED retrofit kit, the fixture model or type being retrofitted and that the retrofit kit is compatible with the existing fixture. |
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| Outdoor: Occupancy Sensors Plus Daylighting Controls | Watt Controlled       | $0.35     | Installation of both occupancy sensors and daylighting controls to control the same fixture.   | 1. Must meet all specifications for Occupancy Sensors and Daylighting Controls, above.  
2. A manufacturer’s specification sheet must accompany the application.                                              |
| Outdoor: Dimming Technology                      | Watt Controlled       | $0.25     | Install a dimming control to adjust light levels through commissioning and technology or manual change by the occupants.  
1. Replacement of existing occupancy sensors or other control technologies is not eligible for this incentive.  
2. Lighting controls required by state energy codes are not eligible.  
3. A manufacturer’s specification sheet must accompany the application.                     |
| Outdoor: Occupancy Sensors with Dimming Technology | Watt Controlled       | $0.35     | Installation of both occupancy sensors and dimming controls to control the same fixture.       | 1. Must meet all specifications for Occupancy Sensors and Dimming Controls, above.  
2. A manufacturer’s specification sheet must accompany the application.                     |
| Outdoor: Photocells                               | Watt Controlled       | $0.20     | Installation of photocells on exterior lighting.                                             | 1. Manufacturer’s specifications must accompany application.  
2. Eligible controls are built-in or stand-alone photoelectric cells that switch outdoor lights on at dusk and off at dawn. |
| Outdoor: Time Clocks for Lighting                 | Watt Controlled       | $0.25     | Installation of time clocks on exterior lighting.                                            | 1. Manufacturer’s specifications must accompany application.  
2. Clocks must control on/off schedule of lighting equipment and must have a three-hour back-up system to maintain the program schedule during power outages.  
3. Astronomical time clocks (where on-off times are in accordance with sunrise and sunset) are required for outdoor lighting when photocells are not in use. |
| Outdoor: Photocell Plus Time Clock                | Watt Controlled       | $0.35     | Installation of both photocell and time clock to control the same lighting fixture.           | 1. Manufacturer’s specifications must accompany application.  
2. Must meet all specifications for Photocells and Time Clocks for Lighting.  
3. Time clock must turn off lighting equipment at least 3 hours per night.                 |
| Outdoor: 150-249W Metal Halide Lamp to Ceramic Discharge Metal Halide Lamp | Lamp                 | $45.00    |                                                                                               | 1. Manufacturer’s specifications must accompany application.  
2. ≥80 CRI  
3. ≥85 Lumens per watt  
4. Minimum 10% input wattage reduction                                                     |
| Outdoor: 250-399W Metal Halide Lamp to Ceramic Discharge Metal Halide Lamp | Lamp                 | $50.00    | Retrofits of probe start high intensity discharge fixtures with ceramic discharge metal halide lamps. The wattage listed in the measure description is the nominal wattage of the lamp in the new kit.  
1. Manufacturer’s specifications must accompany application.  
2. ≥80 CRI  
3. ≥85 Lumens per watt  
4. Minimum 10% input wattage reduction                                                     |
| Outdoor: 400-849W Metal Halide Lamp to Ceramic Discharge Metal Halide Lamp | Lamp                 | $55.00    |                                                                                               | 1. Manufacturer’s specifications must accompany application.  
2. ≥80 CRI  
3. ≥85 Lumens per watt  
4. Minimum 10% input wattage reduction                                                     |
| Outdoor: ≥850W Metal Halide Lamp to Ceramic Discharge Metal Halide Lamp | Lamp                 | $70.00    | Replacement or retrofit of an incandescent, HID, argon-mercury or neon-lighted channel letter ≤ 2 feet high with an LED letter.  
1. Manufacturer’s specifications must accompany application.  
2. Replacement signs cannot use more than 20 percent of the input power of the sign that is being replaced. |
| Outdoor: LED Channel Sign ≤ 2 Feet                | Letter                | $45.00    |                                                                                               | 1. Manufacturer’s specifications must accompany application.  
2. Replacement signs cannot use more than 20 percent of the input power of the sign that is being replaced. |
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</table>
| Outdoor: New T8/T5 Fixtures with Electronic Ballasts | Watt Reduced | $0.70 | Replacement of an existing exterior lighting system with a new lighting system containing T8/T5 fixtures with T8/T5 lamp(s) and electronic ballasts (project does not have to be a one-for-one replacement). | 1. Manufacturer’s specifications for new fixtures, lamps and ballasts must accompany application.  
2. Photos must accompany the application. Photo requirements are as follows for each type of original fixture:  
   • One close-up photo of the ballast nameplate or lamp stamp as documentation of the wattage of the original fixture.  
3. Incentives are only available for new fixtures. New fixtures must consist entirely of new components and be unopened at time of purchase. (Retrofits may be eligible for incentives listed under the Outdoor Lighting Retrofit measure in this worksheet.)  
4. T8/T5 lamps must have a CRI ≥80 and 4-foot T8 lamps must meet CEE specifications: https://library.cee1.org/content/commercial-lighting-qualifying-products-lists.  
5. Ballasts must meet the following specs:  
   • High frequency (≥20 kHz)  
   • Power factor (PF) ≥0.90  
   • UL or ETL listed  
   • Warranted against defects for 5 years  
6. Ballasts for 4-foot lamps must have total harmonic distortion (THD) ≤20 percent at full light output.  
7. For 2- and 3-foot lamps, ballasts must have THD ≤32 percent at full light output. |
| Outdoor: Induction Fixtures | Watt Reduced | $0.70 | Replacement or retrofit of an existing exterior lighting system with a new lighting system containing induction fixtures (project does not have to be a one-for-one replacement). | 1. Manufacturer’s specifications for new fixtures, lamps and ballasts must accompany application.  
2. Photos must accompany the application. Photo requirements are as follows for each type of original fixture:  
   • One close-up photo of the ballast nameplate or lamp stamp as documentation of the wattage of the original fixture.  
3. Induction fixture or retrofit must have a CRI ≥80 and a mean efficacy ≥50 lumens per watt (LPW).  
4. The wattage of the new fixture must be lower than the wattage of the fixture being replaced.  
5. The retrofit must not void the fixture’s UL or ETL listing. |
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<td>Outdoor: LED Fixtures</td>
<td>Watt Reduced $0.80</td>
<td>Replacement or retrofit of an existing exterior lighting system with a new lighting system containing LED fixtures (project does not have to be a one-for-one replacement). (Note: This measure does not apply to LED exit signs, channel signs, open signs, refrigerated display case lighting, or any style of screw-in based LED, including corn cob bulbs or mogul-based bulbs.)</td>
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<td>1. Manufacturer’s specifications for new fixtures, retrofit kits must accompany application.</td>
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<td>2. Photos must accompany the application. Photo requirements are as follows for each type of original fixture:</td>
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<td>• One close-up photo of the ballast nameplate or lamp stamp as documentation of the wattage of the original fixture.</td>
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<td>4. Applications for LED retrofits must include documentation from the LED product manufacturer that clearly defines compatibility of the LED product with the fixture being retrofitted. Documentation from the manufacturer must include the model of the LED retrofit kit, the fixture model or type being retrofitted and that the retrofit kit is compatible with the existing fixture.</td>
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<tr>
<td>Outdoor: LED Open Sign</td>
<td>Sign $80.00</td>
<td>Replacement of an existing neon open sign.</td>
<td>1. Manufacturer’s specifications for new signs must accompany application.</td>
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<td>2. All new signs must meet UL-84 (UL-844) requirements.</td>
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<td>3. Replacement signs cannot use more than 20% of the input power of the sign being replaced.</td>
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<td>4. LED drivers can be either electronic switching or linear magnetic (with electronic switching supplies being the most efficient).</td>
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<td>5. The on/off power switch may be found on either the power line or load side of the driver (with the line side location providing significantly lower standby losses when the sign is turned off and not operating).</td>
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| Outdoor: TLED (Type C)      | Watt Reduced | $0.70     | Retrofit of an existing exterior lighting system with UL Type C Tubular LEDs (project does not have to be a one-for-one replacement). (Note: This measure does not apply to LED exit signs, channel signs, open signs, refrigerated display case lighting, or any style of screw-in based LED, including corn cob bulbs or mogul-based bulbs.) | 1. Manufacturer’s specifications for [Tubular LEDs (TLEDs) and external drivers](http://www.designlights.org/) must accompany application.  
2. Photos must accompany the application. Photo requirements are as follows for each type of original fixture:  
   • One close-up photo of the ballast nameplate or lamp stamp as documentation of the wattage of the original fixture.  
   • One close-up photo showing the post-retrofit quantity of TLEDs in the fixture.  
   Tubular LED Products must specifically be categorized under “Replacement Lamp” and only UL Type C qualifies.  
4. Applications for LED retrofits must include documentation from the LED product manufacturer that clearly defines compatibility of the LED product with the fixture being retrofitted. Documentation from the manufacturer must include the model of the LED retrofit kit, the fixture model or type being retrofitted and that the retrofit kit is compatible with the existing fixture. |
### Direct Install

<table>
<thead>
<tr>
<th>Measure Name</th>
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<th>Incentive</th>
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</thead>
<tbody>
<tr>
<td><strong>Direct Install: Aerator (Bathroom) - Low Flow</strong></td>
<td>Each</td>
<td>$25.00</td>
<td>Replace aerator or add aerator to existing faucets with a pressure-compensating low flow aerator. Existing aerator must be ≥2.25 gpm. <strong>Facility must have an electric hot water heater.</strong></td>
<td>1. Aerator must be ≤1.5 gpm with dual-thread brass connection and constructed of solid, low-lead brass with a polished chrome finish. 2. Aerator must conform to ASME A112.18.1 and the chrome plating must be corrosion resistant meeting ASTM B368.</td>
</tr>
<tr>
<td><strong>Direct Install: Aerator (Kitchen) - Low Flow</strong></td>
<td>Each</td>
<td>$25.00</td>
<td>Replace aerator or add aerator to existing faucets with a pressure-compensating low flow aerator. Existing aerator must be ≥2.75 gpm. <strong>Facility must have an electric hot water heater.</strong></td>
<td>1. Aerator must be ≤2.2 gpm with dual-thread brass connection and constructed of solid, low-lead brass with a polished chrome finish. 2. Aerator must conform to ASME A112.18.1 and the chrome plating must be corrosion resistant meeting ASTM B368.</td>
</tr>
<tr>
<td><strong>Direct Install: Showerhead - Low Flow</strong></td>
<td>Each</td>
<td>$50.00</td>
<td>Replace showerhead with pressure-compensating low flow showerhead. Existing showerhead must be ≥2.67 gpm. <strong>Facility must have an electric hot water heater.</strong></td>
<td>1. <strong>New</strong> showerhead must be ≤1.75 gpm and constructed with a chrome finish. 2. It must conform to ASME A112.18.1 and be corrosion resistant meeting ANSI Z358.1.</td>
</tr>
<tr>
<td><strong>Direct Install: High Efficiency Pre-Rinse Spray Valve</strong></td>
<td>Each</td>
<td>$100.00</td>
<td>Replace pre-rinse sprayer with low-flow pre-rinse sprayer. Existing pre-rinse sprayer must be ≥1.9 gpm. <strong>Facility must have an electric hot water heater.</strong></td>
<td>1. Must be ≤1.15 gpm and have a cleanability performance of 26 seconds per plate or less, based on ASTM standard test method. 2. This measure is only applicable for systems with electric storage water heaters.</td>
</tr>
<tr>
<td><strong>Direct Install: Reach-in (Novelty) Cooler Controls</strong></td>
<td>Each</td>
<td>$160.00</td>
<td>Installation of new controls on a new or existing glass-front refrigerated cooler.</td>
<td>1. Controls must include a passive infrared occupancy sensor to turn off fluorescent lights and other vending machine systems when the surrounding area is unoccupied for 15 minutes or longer. 2. The control logic should power up the machine at two-hour intervals to maintain product temperature and provide compressor protection. 3. This measure does not apply to ENERGY STAR®-qualified vending machines.</td>
</tr>
<tr>
<td><strong>Direct Install: Beverage Machine Controls</strong></td>
<td>Each</td>
<td>$179.00</td>
<td>Installation of new controls on a new or existing refrigerated beverage vending machine that contains only non-perishable bottled and canned beverages.</td>
<td>1. Controls must include a passive infrared occupancy sensor to turn off fluorescent lights and other vending machine systems when the surrounding area is unoccupied for 15 minutes or longer. 2. The control logic should power up the machine at two-hour intervals to maintain product temperature and provide compressor protection. 3. This measure does not apply to ENERGY STAR®-qualified vending machines.</td>
</tr>
<tr>
<td><strong>Direct Install: Smart Strip</strong></td>
<td>Each</td>
<td>$30.00</td>
<td>Installation of a smart strip with the ability to automatically disconnect specific connected loads depending upon the power draw of a control load, also plugged into the strip. The controls can be timers, occupancy sensors or similar automatic activators that turn off connected loads.</td>
<td>1. Baseline equipment is a standard power strip that does not control connected loads. 2. Efficient case is the use of a smart strip with a minimum of two connected loads with one being primary load and others being dependent.</td>
</tr>
<tr>
<td><strong>Direct Install: Snack Machine Controls</strong></td>
<td>Each</td>
<td>$80.00</td>
<td>Installation of new controls on a new or existing non-refrigerated snack vending machine with existing lighting.</td>
<td>1. Controls must include a passive infrared occupancy sensor to turn off fluorescent lights when the surrounding area is unoccupied for 15 minutes or longer. 2. This measure does not apply to ENERGY STAR®-qualified vending machines.</td>
</tr>
</tbody>
</table>
### Domestic Hot Water

<table>
<thead>
<tr>
<th>Measure Name</th>
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</tr>
</thead>
</table>
| Storage Water Heater             | Each  | $150.00   | Replacement of an existing electric storage water heater with a high efficiency storage water heater. | 1. A picture of existing unit must accompany the pre-application.  
2. The new unit must be 98% HE. |

### Refrigeration

<table>
<thead>
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</thead>
</table>
| Anti-Sweat Heater Controls for Glass Door Cooler or Refrigerator            | Linear Foot         | $40.00    | Installation of controls that turn off door heaters when there is low risk of condensation, based on either (1) the relative humidity of the air in the store or (2) the conductivity of the door (which drops when condensation appears). | 1. Incentive is based on the total horizontal linear footage of the case.  
2. Controls must be installed on all doors of the case. |
| EC Motor for Walk-in Cooler or Freezer                                      | Motor               | $150.00   | Replacement of an existing standard efficiency shaded-pole evaporator fan motor with an electronically commutated (EC) motor. | 1. New walk-in or reach-in coolers and freezers with integrated EC motors do not qualify for this incentive.  
2. This measure cannot be used in conjunction with the evaporator fan controls measures. |
| EC Motor for Reach-in Cooler or Freezer                                     | Motor               | $150.00   | Replacement of an existing standard efficiency shaded-pole evaporator fan motor with an electronically commutated (EC) motor. | 1. New walk-in or reach-in coolers and freezers with integrated EC motors do not qualify for this incentive.  
2. This measure cannot be used in conjunction with the evaporator fan controls measures. |
| Evaporator Fan Controls for **Walk-in Cooler or Freezer**                  | Motor               | $80.00    | Installation of controls in medium and low temperature walk-in coolers and freezers that reduce airflow of the evaporator fans when there is no refrigerant flow. | 1. Must control a minimum fan load of 1/20 HP where the fan(s) operate continuously at full speed.  
2. Must reduce fan motor power by at least 75% during the compressor off-cycle.  
3. This measure is not applicable if any of the following existing (base case) conditions apply:  
   • The compressor runs all the time with high duty cycle.  
   • The evaporator fan does not run at full speed all the time.  
   • The evaporator fan motor runs on poly-phase power.  
   • The evaporator does not use off-cycle or time-off defrost. |
## ComEd® Energy Efficiency Program
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<th>Measure Description</th>
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<tbody>
<tr>
<td>EC Motor with Evaporator Fan Controls for Walk-in Cooler and Freezer</td>
<td>Motor</td>
<td>$240.00</td>
<td>Replacement of an existing standard-efficiency shaded pole evaporator fan motor without evaporator fan controls with an electronically commutated (EC) evaporator fan motor with evaporator fan controls in medium and low temperature walk-in coolers and freezers. 1. Must control a minimum fan load of 1/20 HP where the fan(s) operate continuously at full speed. 2. Must reduce fan motor power by at least 75% during the compressor off-cycle. 3. This measure is not applicable if any of the following existing (base case) conditions apply: • The compressor runs all the time with high duty cycle. • The evaporator fan does not run at full speed all the time. • The evaporator fan motor runs on poly-phase power. • The evaporator does not use off-cycle or time-off defrost.</td>
</tr>
<tr>
<td>Night Covers - Vertical Open, Medium Temperature - 35°F to 55°F</td>
<td>Linear Foot</td>
<td>$20.00</td>
<td>Installation of fitted covers on existing vertical open-type refrigerated display cases that are deployed during the facility’s unoccupied hours. 1. Incentives are available for new and existing equipment. 2. Curtains or covers on top of open refrigerated or freezer display cases must be applied at least six hours (during off-hours) in a 24-hour period. 3. Display cases that operate at sub-zero Fahrenheit temperatures are not eligible for this incentive.</td>
</tr>
<tr>
<td>Night Covers - Vertical Open, Low Temperature - 0°F to 30°F</td>
<td>Linear Foot</td>
<td>$20.00</td>
<td>Installation of fitted covers on existing vertical open-type freezer display cases that are deployed during the facility’s unoccupied hours. 1. Incentives are available for new and existing equipment. 2. Curtains or covers on top of open refrigerated or freezer display cases must be applied at least six hours (during off-hours) in a 24-hour period. 3. Display cases that operate at sub-zero Fahrenheit temperatures are not eligible for this incentive.</td>
</tr>
<tr>
<td>Night Covers - Horizontal Open, Medium Temperature - 35°F to 55°F</td>
<td>Linear Foot</td>
<td>$20.00</td>
<td>Installation of fitted covers on existing horizontal open-type refrigerated display cases that are deployed during the facility’s unoccupied hours. 1. Baseline equipment assumption is a walk-in cooler or freezer that previously had either no strip curtain installed or an old, ineffective strip curtain installed. 2. The efficient equipment is a strip curtain added to a walk-in cooler or freezer. 3. Strip curtains must be at least 0.06 inches thick. 4. Low temperature strip curtains must be used on low temperature applications.</td>
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<tr>
<td>Night Covers - Horizontal Open, Low Temperature - 0°F to 30°F</td>
<td>Linear Foot</td>
<td>$20.00</td>
<td>Installation of fitted covers on existing horizontal open-type freezer display cases that are deployed during the facility’s unoccupied hours. 1. Baseline equipment assumption is a walk-in cooler or freezer that previously had either no strip curtain installed or an old, ineffective strip curtain installed. 2. The efficient equipment is a strip curtain added to a walk-in cooler or freezer. 3. Strip curtains must be at least 0.06 inches thick. 4. Low temperature strip curtains must be used on low temperature applications.</td>
</tr>
<tr>
<td>Strip Curtains for Freezer</td>
<td>Door</td>
<td>$250.00</td>
<td>Installation of new strip curtain or replacement of existing strip curtain in a walk-in cooler or freezer. 1. Baseline equipment assumption is a walk-in cooler or freezer that previously had either no strip curtain installed or an old, ineffective strip curtain installed. 2. The efficient equipment is a strip curtain added to a walk-in cooler or freezer. 3. Strip curtains must be at least 0.06 inches thick. 4. Low temperature strip curtains must be used on low temperature applications.</td>
</tr>
<tr>
<td>Strip Curtains for Cooler</td>
<td>Door</td>
<td>$150.00</td>
<td>Installation of new strip curtain or replacement of existing strip curtain in a walk-in cooler or freezer. 1. Baseline equipment assumption is a walk-in cooler or freezer that previously had either no strip curtain installed or an old, ineffective strip curtain installed. 2. The efficient equipment is a strip curtain added to a walk-in cooler or freezer. 3. Strip curtains must be at least 0.06 inches thick. 4. Low temperature strip curtains must be used on low temperature applications.</td>
</tr>
<tr>
<td>Auto Closer for Walk-in Freezer</td>
<td>Each</td>
<td>$140.00</td>
<td>Installation of an automatic, hydraulic-type door closer on main walk-in cooler or freezer doors. Replacements of existing automatic door closers are not eligible. 1. Baseline equipment assumption is a walk-in cooler or freezer that previously had either no strip curtain installed or an old, ineffective strip curtain installed. 2. The efficient equipment is a strip curtain added to a walk-in cooler or freezer. 3. Strip curtains must be at least 0.06 inches thick. 4. Low temperature strip curtains must be used on low temperature applications.</td>
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<td>Incentive</td>
<td>Equipment Type and Definition</td>
</tr>
<tr>
<td>--------------------------------------------------</td>
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<td>------------------------------------------------------------------------------------------------</td>
</tr>
</tbody>
</table>
| ENERGY STAR Mini Refrigerator or Freezer (<15 cubic feet) | Each | $100.00   | New or replacement ENERGY STAR® solid door refrigerator or freezer (with a capacity of <15 Cubic Feet) | 1. The refrigerator/freezer must be ENERGY STAR®-qualified.  
2. Cases with remote refrigeration systems are not eligible. |
| ENERGY STAR® Solid Door Freezer (>15 Cubic Feet)   | Each | $800.00   | New or replacement ENERGY STAR® solid door freezer with a capacity of >15 Cubic Feet.             | 1. Must meet ENERGY STAR® Version 2.1 specification.  
2. Cases with remote refrigeration systems are not eligible. |
| ENERGY STAR® Glass Door Freezer (>15 Cubic Feet)   | Each | $1,000.00 | New or replacement ENERGY STAR® glass door freezer with a capacity of >15 Cubic Feet.             | 1. The refrigerator must be ENERGY STAR®-qualified.  
2. Cases with remote refrigeration systems are not eligible. |
| ENERGY STAR® Solid or Glass Door Refrigerator (>15 Cubic Feet) | Each | $350.00   | New or replacement ENERGY STAR® solid or glass door refrigerator with a capacity of >15 Cubic Feet. | 1. The refrigerator must be ENERGY STAR®-qualified.  
2. Cases with remote refrigeration systems are not eligible. |
# HVAC

<table>
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<tr>
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</table>
| Room Air Conditioner                                       | Ton  | $50.00    | Replacement of a through-the-wall or built-in self-contained unit that is two tons or less.                                                                                                                                     | 1. Must meet SEHA Tier 1 minimum qualifying efficiencies from the CEE, shown below:  
  • Size: <8,000 Btu/h (<.67 tons), EER: ≥11.2  
  • Size: 8,000-13,999 Btu/h (.67-1.17 tons), EER: ≥11.3  
  • Size: 14,000-19,999 Btu/h (1.17-1.67 tons), EER: ≥11.2  
  • Size: ≥20,000 Btu/h (>1.67 tons), EER: ≥9.8  
  2. Disposal of existing unit must comply with local codes and ordinances. |
| PTAC/PTHP - Early Replacement                              | Ton  | $300.00   | Replacement of a through-the-wall or built-in self-contained PTAC or PTHP that is two tons (24,000 Btu/h) or less.                                                                                                             | 1. Only units that have an EER greater than or equal to 13.08 – (0.2556 x capacity in Btu/h/1000) qualify for the incentive.  
  2. All EER values must be rated at 95 °F outdoor dry-bulb temperature.  
  3. The existing unit must be fully operational when replaced. |
| PTAC/PTHP - End of Life                                    | Ton  | $100.00   |                                                                                              | 1. Only units that have an EER greater than or equal to 13.08 – (0.2556 x capacity in Btu/h/1000) qualify for the incentive.  
  2. All EER values must be rated at 95 °F outdoor dry-bulb temperature. |
| Guest Room Energy Management System (Electric Heat/AC)     | Ton  | $150.00   | New installation of a temperature setback control system for individual guest rooms with electric heat and air conditioning.                                                                                                     | 1. Sensors must be controlled by automatic occupancy detectors or key cards.  
  2. During unoccupied periods, the default setting for controlled units should differ by at least five degrees from the operating set point.  
  3. Incentive is per guest room controlled, rather than per sensor, for multi-room suites.  
  4. Systems with networked control qualify for this incentive.  
  5. Replacement or upgrades of existing occupancy-based controls are not eligible for this incentive.  
  Note: Your gas company may offer an additional prescriptive or custom rebate for this measure. Visit NicorGasRebates.com, PeoplesGasDelivery.com or NorthShoreGasDelivery.com for more information. |
| Guest Room Energy Management System (Non-Electric Heat/AC)   | Ton  | $100.00   | New installation of a temperature setback control system for individual guest rooms with natural gas heat and electric air conditioning.                                                                                     | 1. Existing restroom exhaust fan must be 0.6 amps to 2.0 amps.  
  2. The occupancy sensor must automatically shut off the exhaust fan after a specified period of time when no occupancy is detected.  
  3. The fans cannot be controlled by any existing building automation system.  
  4. Manual timers controlling the exhaust system do not qualify.  
  5. The existing exhaust volume flow rate must be at least 75 cfm per toilet room fixture. |
| Restroom Exhaust Fan Occupancy Sensor                      | Fan  | $100.00   | Installation of occupancy sensors on a standalone restroom exhaust fan with existing control from a manual switch that is either tied or not tied to the lighting.                                                                   | 1. Sensors must be controlled by automatic occupancy detectors or key cards.  
  2. During unoccupied periods, the default setting for controlled units should differ by at least five degrees from the operating set point.  
  3. Incentive is per guest room controlled, rather than per sensor, for multi-room suites.  
  4. Systems with networked control qualify for this incentive.  
  5. Replacement or upgrades of existing occupancy-based controls are not eligible for this incentive.  
  Note: Your gas company may offer an additional prescriptive or custom rebate for this measure. Visit NicorGasRebates.com, PeoplesGasDelivery.com or NorthShoreGasDelivery.com for more information. |
## ComEd® Energy Efficiency Program
### Small Business Offering Measures Incentives and Specs

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<tr>
<td>Economizer with DCV (Gas Heating)</td>
<td>Ton</td>
<td>$300.00</td>
<td>Installation of economizer with demand controlled ventilation (DCV) or retrofit of existing economizer with DCV in a non-residential RTU that provides space heating and cooling.</td>
<td></td>
</tr>
</tbody>
</table>
|                                                  |       |           |                               | 1. Includes installation of controller and carbon dioxide (CO₂) sensor to adjust the ventilation rate to match the actual requirements. The sensor shall be integrated into the HVAC system controls to reset the minimum damper position to meet a CO₂ target setpoint. Controls must be optimized.  
|                                                  |       |           |                               | 2. After photos of the economizer with DCV must accompany the final application. Note: Your gas company may offer prescriptive or custom rebates for installation of economizer with demand controlled ventilation (DCV) or retrofit of existing economizer with DCV in a non-residential roof top unit (RTU) that provides gas space heating. Visit NicorGasRebates.com, PeoplesGasRebates.com or NorthShoreGasRebates.com for more information. |
| Variable Speed Drive on HVAC Fan or Pump (≤ 5 HP) | Horsepower | $250.00   | Installation of a VSD on an HVAC fan or pump 5 HP or less. | 1. Installation of the VSD must accompany the permanent removal or disabling of existing flow control devices.  
|                                                  |       |           |                               | 2. The VSD must be installed with automatic control technology.  
|                                                  |       |           |                               | 3. The following VSD applications are not eligible:  
|                                                  |       |           |                               | • Replacement of existing VSD  
|                                                  |       |           |                               | • VSD installed on equipment which operates less than 1200 hours per year  
|                                                  |       |           |                               | • VSD installed on redundant/backup motors  
|                                                  |       |           |                               | • VSD installed in place of multi-speed flow control equipment (e.g., two-speed cooling tower fans)  
|                                                  |       |           |                               | • VSD installed for the purpose of “soft-starting” motors  
|                                                  |       |           |                               | • VSD installed on pumps where affinity laws are not in effect, such as sump pumps.  
|                                                  |       |           |                               | 4. After photos of the installed VSD must accompany the final application. |
| Variable Speed Drive on HVAC Fan or Pump (5 HP to 20 HP) | Horsepower | $150.00   | Installation of a VSD on an HVAC fan or pump between 5 - 20 HP. |                                                                                                                                                                                                                 |
| Variable Speed Drives for HVAC Supply and Return Fans (≤ 5 HP) | Horsepower | $250.00   | Installation of a VSD on an HVAC supply or return fan 5 HP or less. | 1. Installation of the VSD must accompany the permanent removal or disabling of existing flow control devices.  
|                                                  |       |           |                               | 2. The VSD must be installed with automatic control technology.  
|                                                  |       |           |                               | 3. The following VSD applications are not eligible:  
|                                                  |       |           |                               | • Replacement of existing VSD  
|                                                  |       |           |                               | • VSD installed on equipment which operates less than 1200 hours per year  
|                                                  |       |           |                               | • VSD installed on redundant/backup motors  
|                                                  |       |           |                               | • VSD installed in place of multi-speed flow control equipment (e.g., two-speed cooling tower fans)  
|                                                  |       |           |                               | • VSD installed for the purpose of “soft-starting” motors  
|                                                  |       |           |                               | • VSD installed on pumps where affinity laws are not in effect, such as sump pumps.  
|                                                  |       |           |                               | 4. After photos of the installed VSD must accompany the final application. |
| Variable Speed Drives for HVAC Supply and Return Fans (5 HP to 20 HP) | Horsepower | $150.00   | Installation of a VSD on HVAC supply fans and return fan between 5 - 20 hp. |                                                                                                                                                                                                                 |
| Computer Power Management Software                | Workstation | $25.00   | Installation of software which monitors and records computer and monitor usage, as well as allows centralized control of computer power management settings. | The software should comply with the following:  
|                                                  |       |           |                               | 1. Allow centralized control and override of computer power management settings of workstations which include both a computer monitor and CPU (i.e. a desktop or laptop computer on a distributed network)  
|                                                  |       |           |                               | 2. Be able to control on/off/sleep states on both the CPU and monitor according to the Network Administrator-defined schedules and apply power management policies to network groups  
|                                                  |       |           |                               | 3. Have capability to allow networked workstations to be remotely wakened from power-saving mode (e.g. for system maintenance or power/setting adjustments)  
|                                                  |       |           |                               | 4. Have capability to detect and monitor power management performance and generate energy savings reports  
<p>|                                                  |       |           |                               | 5. Have capability to produce system reports to confirm the inventory and performance of equipment on which the software is installed. |</p>
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</table>
| Advanced Smart Thermostat - Continuous Fan Mode During Occupied Period      | Each | $300.00   | Installation of a Wi-Fi connected, Zigbee-enabled, and smart meter compatible smart thermostat for reduced heating energy consumption through temperature setback during unoccupied or reduced demand times. | 1. Existing thermostat must be non-programmable and must control a system with electric heat or air conditioning.  
2. Existing fan runs continuously during the occupied hours and building staff do not manually change the fan mode, cooling or heating setpoints during unoccupied periods  
3. Only appropriate for single zone heating systems.  
4. Smart thermostat must be Wi-Fi connected, Zigbee-enabled, and smart meter compatible.  
5. Smart thermostat must have the capability to connect to an unlimited number of thermostats. |
| Advanced Smart Thermostat - Intermittent Fan Mode During Occupied Period     | Each | $300.00   |                                                                                               | 1. Existing thermostat must be non-programmable and must control a system with electric heat or air conditioning.  
2. Fan mode during unoccupied and occupied period must be set to auto or intermittent.  
3. Only appropriate for single zone heating systems.  
4. Smart thermostat must be Wi-Fi connected, Zigbee-enabled, and smart meter compatible.  
5. Smart thermostat must have the capability to connect to an unlimited number of thermostats. |
| Smart Thermostat (NON-ZIGBEE) – Continuous Fan Mode during Occupied Hours   | Each | $200      | Installation of a Wi-Fi connected smart thermostat for reduced heating energy consumption through temperature setback during unoccupied or reduced demand times.                          | 1. Existing thermostat must be non-programmable and must control a system with electric heat or AC  
2. Existing fan runs continuously during occupied hours and building staff do not manually change the fan mode, cooling or heating set-points during unoccupied hours.  
3. Only appropriate for single-zone heating systems  
4. Smart thermostat must be Wi-Fi connected and ENERGY STAR® certified |
| Smart Thermostat (NON-ZIGBEE) – Intermittent Fan Mode during Occupied Hours | Each | $200      | Installation of a Wi-Fi connected smart thermostat for reduced heating energy consumption through temperature setback during unoccupied or reduced demand times.                          | 1. Existing thermostat must be non-programmable and must control a system with electric heat or AC  
2. Existing fan runs intermittently during occupied hours and building staff do not manually change the fan mode, cooling or heating set-points during unoccupied hours.  
3. Only appropriate for single-zone heating systems  
4. Smart thermostat must be Wi-Fi connected and ENERGY STAR® certified |
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</table>
| Programmable Thermostat - Continuous Fan Mode During Occupied Period | Each | $30 | Installation of a new Programmable Thermostat for reduced heating energy consumption through temperature set-back during unoccupied or reduced demand times. | 1. Existing thermostat must be non-programmable and must control a system with electric heat or air conditioning.  
2. Existing fan runs continuously during the occupied hours and building staff do not manually change the fan mode, cooling or heating setpoints during unoccupied periods.  
3. Only appropriate for single zone heating systems. |
| Programmable Thermostat - Intermittent Fan Mode During Occupied Period | Each | $30 | Installation of a new Programmable Thermostat for reduced heating energy consumption through temperature set-back during unoccupied or reduced demand times. | 1. Existing thermostat must be non-programmable and must control a system with electric heat or air conditioning.  
2. Fan mode during unoccupied and occupied period must be set to auto or intermittent.  
3. Only appropriate for single zone heating systems. |
| Early Replacement for Air Cooled AC | Ton | $600.00 | Replacement of existing, operational unitary air conditioners (Packaged or Split system) with new, high efficiency unit under 20 tons. | 1. This applies to air-cooled equipment.  
2. Replacement unit should be same capacity as existing unit.  
3. New unit must meet or exceed the part load (SEER or IEER) high efficiency standards of CEE Tier 2 requirements for different sizes.  
4. Minimum high efficiency requirements change for different unit sizes, types and heating types. If no part load value is given (only full load), minimum efficiency of new unit should meet or exceed the full load value.  
5. Disposal of existing unit must comply with local codes and ordinances.  
6. Proposed equipment model number or specification sheet is required with the pre-application.  
7. Photo requirement:  
   • A Photo of existing unit nameplate with clear model number must accompany pre-application.  
   • Photos of new unit and new unit nameplate must accompany final application. |
### End of life Replacement for Air Cooled AC

- **Unit**: Ton
- **Incentive**: $300.00
- **Equipment Type and Definition**: Replacement of dead or broken unitary air conditioner (Packaged or Split system) with new, high efficiency unit under 20 tons.
- **Specifications**:
  1. This applies to air-cooled equipment.
  2. Replacement unit should be same capacity as existing unit.
  3. New unit must meet the part load (SEER or IEER) high efficiency standards of CEE Tier 2 requirements for different sizes.
  4. Minimum high efficiency requirements change for different unit sizes, types and heating types. If no part load value is given (only full load), minimum efficiency of new unit should meet or exceed the full load value.
  5. Disposal of existing unit must comply with local codes and ordinances.
  6. Proposed equipment model number or specification sheet is required with the pre-application.
  7. Photo requirement:
     - A Photo of existing unit nameplate with clear model number must accompany pre-application.
     - Photos of new unit and new unit nameplate must accompany final application.

### High Frequency Battery Charger

- **Unit**: Each
- **Incentive**: $400.00
- **Equipment Type and Definition**: Replacement of existing Silicon-Controlled Rectifier (SCR) or ferroresonant charging technology with an industrial high frequency battery charger.
- **Specifications**:
  1. Manufacturer’s specifications must accompany the application.
  2. High frequency battery charger systems must have a minimum power conversion efficiency of 90%.
  3. The system must be used for equipment that operates a minimum 8-hour shift operation, five days per week.
## ComEd® Energy Efficiency Program
### Small Business Offering Measures Incentives and Specs

### Compressed Air

<table>
<thead>
<tr>
<th>Measure Name</th>
<th>Unit</th>
<th>Incentive</th>
<th>Equipment Type and Definition</th>
<th>Specifications</th>
</tr>
</thead>
</table>
| ![Image](image1.png) No-Loss Condensate Drains  | Each     | $500.00   | Replacement of existing standard condensate drains (open valve, timer or both) with no-loss condensate drains. | 1. The air compressor must be a primary system component and run a minimum of 1,200 hours per year  
2. Manufacturer’s specifications for the no-loss condensate drain must accompany the application  
3. Manual drain valves are not eligible for replacement unless they are continuously fully open  
4. A photo of the existing standard condensate drain must accompany the pre-application. |
| ![Image](image2.png) Low Pressure Drop Filters   | Horsepower | $10.00    | Replacement of standard filters with high performance, low pressure drop filters.                  | 1. Manufacturer’s specifications for the low pressure drop filter must accompany the application  
2. Low pressure drop filters must meet the following criteria: Pressure loss at rated flow is ≤ 1 psi when new and ≤ 3 psi at element change  
3. A photo of the existing standard filter must accompany the pre-application. |
| ![Image](image3.png) Direct Install: High-Efficiency Air Nozzles | Each     | $50.00    | Replacement of standard air nozzles with high-efficiency air nozzles.                              | 1. Incentives are only available for new air nozzles. Replacement or upgrades of existing high-efficiency air nozzles are not eligible for this incentive  
2. High-efficiency nozzles must replace open blow-off nozzles  
3. Manufacturer’s specifications for the high-efficiency air nozzles must accompany the application  
4. High-efficiency nozzles must meet SCFM rating at 80 psig less than or equal to: 1/8” 11 SCFM, 1/4” 29 SCFM, 5/16” 56 SCFM, 1/2” 140 SCFM  
5. A photo of the existing air nozzle must accompany the pre-application. |
| ![Image](image4.png) Air Compressor(s) with Integrated VSD ≤ 40 HP | Horsepower | $400.00   | New or replacement of an air compressor without an integrated VSD with a VSD-integrated air compressor. | 1. The existing compressor must be a rotary screw or rotary vane compressor with inlet modulating control and run continuously during occupied shift of operation  
2. The air compressor must be a primary system component and run a minimum of 1,200 hours per year  
3. Air compressors purchased or installed for backup or redundant systems do not qualify  
4. Replacing an existing air compressor with integrated VSD with a new VSD-integrated air compressor does not qualify  
5. A photo of the existing air compressor must accompany the pre-application. |
### ComEd® Energy Efficiency Program
**Small Business Offering Measures Incentives and Specs**

<table>
<thead>
<tr>
<th>Measure Name</th>
<th>Unit</th>
<th>Incentive</th>
<th>Equipment Type and Definition</th>
<th>Specifications</th>
</tr>
</thead>
</table>
| Compressed Air Leak Repair            | Horsepower| $50.00    | Identify and repair air leaks  in the existing system. | 1. Incentives are paid per rated compressor horsepower.  
2. A leak survey for each compressor is required using the Nexant survey template and must accompany the final application.  
3. A photo of the leak tag(s) must accompany the final application. |
| Compressed Air Pressure Reduction     | Compressor| $50.00    | Reduce compressed air system pressure. | 1. The pressure of the compressed air should be greater than the highest pressure requirement of the facility combined with the pressure loss through the air lines from compressors to the end-use equipment.  
2. The pressure must be reduced by at least 10 psig.  
3. Any change should be completed in small psig increments every couple of days, followed by checking the end-use equipment to ensure there are no production problems caused by the reduced pressure.  
4. Before and after photos of the adjusted pressure are required to confirm the pressure reduction. |
| Efficient Refrigerated CA Dryer       | CFM       | $10.00    | Replacement of a standard non-cycling refrigerated compressed air dryer. | 1. The new high efficiency cycling dryer should be a thermal mass dryer, variable speed dryer, or digital scroll dryer.  
2. Manufacturer’s specifications for the new dryer must accompany the final application.  
3. A photo of existing non-cycling dryer must accompany the pre-application. |
# ComEd® Energy Efficiency Program
## Small Business Offering Measures Incentives and Specs

### Kitchen Equipment

<table>
<thead>
<tr>
<th>Measure Name</th>
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<th>Incentive</th>
<th>Equipment Type and Definition</th>
<th>Specifications</th>
</tr>
</thead>
</table>
| Kitchen Fan with DCV               | Each  | $1,500.00 | Installation of commercial kitchen demand ventilation controls that vary the ventilation based on cooking load and/or time of day. | 1. Control system must include:  
   • Temperature sensor in the hood exhaust collar and/or an optic sensor on the end of the hood.  
   • VSD on the exhaust fan that will vary the rate of exhaust to what is needed.  
   • VSD on the makeup air unit if applicable.  
   2. VSDs on the make-up air fan do not qualify for an additional incentive. |
| ENERGY STAR® Griddle               | Each  | $500.00   | Replacement of a non-ENERGY STAR® griddle with an ENERGY STAR® griddle.                         | 1. Must be ENERGY STAR®-qualified with a minimum cooking energy efficiency of 65 percent for all size units.  
   2. Used or rebuilt equipment is not eligible. |
| ENERGY STAR® Electric Steam Cooker | Each  | $800.00   | Replacement of a non-ENERGY STAR® electric steam cooker with an ENERGY STAR® electric steam cooker | 1. Must be ENERGY STAR®-qualified with a minimum cooking energy efficiency of 50 percent for all size units.  
   2. Used or rebuilt equipment is not eligible. |
| ENERGY STAR® Dishwasher - Under Counter | Each  | $1,000.00 | Replacement of a non-ENERGY STAR® certified dishwasher and at end of life with an ENERGY STAR® Dishwasher | This measure applies to ENERGY STAR® high and low temp under counter single tank door type, single tank conveyor, and multiple tank conveyor dishwashers installed in a commercial kitchen. |
| ENERGY STAR® Dishwasher - Single Tank | Each  | $1,000.00 |                                                                                                   |                                                                                                                                                                                                         |
| ENERGY STAR® Dishwasher - Multi Tank | Each  | $1,000.00 |                                                                                                   |                                                                                                                                                                                                         |
| ENERGY STAR® Hot Food Holding Cabinet (1/2 Size) | Each  | $800.00   | Replacement of a non-ENERGY STAR® hot food cabinet with an ENERGY STAR® hot food cabinet.        | 1. Must meet ENERGY STAR® Version 2.0 Hot Food Holding Cabinet (HFHC) specification.  
   2. Cook-and-hold equipment is not eligible.  
   3. Used or rebuilt equipment is not eligible. |
| ENERGY STAR® Hot Food Holding Cabinet (3/4 Size) | Each  | $1,000.00 |                                                                                                   |                                                                                                                                                                                                         |
| ENERGY STAR® Hot Food Holding Cabinet (Full Size) | Each  | $1,200.00 |                                                                                                   |                                                                                                                                                                                                         |
| ENERGY STAR® Ice Maker (100-500 lbs/day) | Each  | $400.00   | Replacement of a non-ENERGY STAR® commercial ice machine with an ENERGY STAR® commercial ice machine. | 1. Only air-cooled, cube-type machines including ice-making head, self-contained and remote-condensing units, qualify. This measure excludes flake and nugget-type ice machines.  
   2. The ice maker must be ENERGY STAR®-qualified. |
| ENERGY STAR® Ice Maker (501-1500 lbs/day) | Each  | $1,000.00 |                                                                                                   |                                                                                                                                                                                                         |
| ENERGY STAR® Ice Maker (>1500 lbs/day) | Each  | $1,600.00 |                                                                                                   |                                                                                                                                                                                                         |
| ENERGY STAR® Vending Machine       | Each  | $500.00   | Replacement of a non-ENERGY STAR® vending machine with an ENERGY STAR® vending machine.           | The vending machine must be ENERGY STAR®-qualified.                                                                                                                                                           |
# ComEd® Energy Efficiency Program
## Small Business Offering Measures Incentives and Specs

### Building Envelope

<table>
<thead>
<tr>
<th>Measure Name</th>
<th>Unit</th>
<th>Incentive</th>
<th>Equipment Type and Definition</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roof Insulation (Electric Heat)</td>
<td>Square Foot</td>
<td>$0.20</td>
<td>Improvements to the roof insulation in facilities with electric heating.</td>
<td>1. Roof insulation R-value should be increased to R-18 from the baseline level.</td>
</tr>
<tr>
<td>Roof Insulation (Gas Heat)</td>
<td>Square Foot</td>
<td>$0.05</td>
<td>Improvements to the roof insulation in facilities with gas heating.</td>
<td>2. Manufacturer's specification on the proposed insulation should accompany the application.</td>
</tr>
<tr>
<td>Cool Roof (A.C. Equipment on Roof)</td>
<td>Square Foot</td>
<td>$0.15</td>
<td>Installation of qualifying &quot;cool roof&quot; roofing materials with high reflectance in facilities</td>
<td>1. Baseline reflectance should be 0.3.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>with AC equipment on roof.</td>
<td>2. Cool roof should have a high efficiency roof reflectance of 0.70.</td>
</tr>
<tr>
<td>Cool Roof (A.C. Equipment NOT on Roof)</td>
<td>Square Foot</td>
<td>$0.04</td>
<td>Installation of qualifying &quot;cool roof&quot; roofing materials with high reflectance in facilities</td>
<td>3. Cool roof should have a high efficiency roof emittance of 0.75.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>with AC equipment NOT on roof.</td>
<td></td>
</tr>
<tr>
<td>ENERGY STAR® Window (Central AC and Electric</td>
<td>Square Foot</td>
<td>$4.00</td>
<td>Replacement of existing standard double pane window with an ENERGY STAR® window for facilities</td>
<td>1. New windows must meet the ENERGY STAR® criteria for the North region (u-factor ≤ 0.30).</td>
</tr>
<tr>
<td>Resistance Heating)</td>
<td></td>
<td></td>
<td>with Central AC and Electric Resistance Heating.</td>
<td>2. The baseline window should be a standard double pane window with vinyl sash, (u=0.49, SHGC=0.58).</td>
</tr>
<tr>
<td>ENERGY STAR® Window (Central AC and Heat Pump)</td>
<td>Square Foot</td>
<td>$4.00</td>
<td>Replacement of existing standard double pane window with an ENERGY STAR® window for facilities</td>
<td>3. Existing ENERGY STAR® windows do not qualify for this incentive.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>with Central AC and Heat Pump.</td>
<td></td>
</tr>
<tr>
<td>Weather Stripping</td>
<td>Door</td>
<td>$50.00</td>
<td>Replacing or repairing the existing door seals to reduce infiltration.</td>
<td>1. Only applies to exterior doors. Space needs to be air conditioned, or use electricity as the</td>
</tr>
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<td>primary heat source.</td>
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<td>2. Supporting documentation must be provided for the method used to identify the existing leaks.</td>
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<td>3. New weather stripping including door sweeps must be made from vinyl, rubber or plastic.</td>
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<td>Foam and felt weatherstrips are not eligible for incentives.</td>
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<td>4. Manufacturer's specification for the proposed weather stripping must accompany the final</td>
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<td>application.</td>
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</tbody>
</table>

Updated 9/12/2018