

Energy Efficiency Programs ~ Key Changes from 2014 Programs | **2015**

Plan Program Name	2015 Changes in Illinois
Residential Equipment – Heating and Cooling	<p><u>Existing Measures Changes</u></p> <ul style="list-style-type: none"> ✓ Rebates for heat pump water heaters changed: <ul style="list-style-type: none"> - EF of 2.00 to 2.29 – from \$500 to \$300 per unit - EF 2.30 and above – from \$1,500 to \$400 per unit <p><u>Clarification of Requirements</u></p> <ul style="list-style-type: none"> ✓ Must be MidAmerican Energy residential electric-only customer with no access to natural gas from any provider to qualify for heat pump water heater rebate ✓ Applications for central air conditioners installed after Oct.1, 2014, can be submitted up to June 30, 2015, if pre-enrolled by Dec. 31, 2014, due to SAVE testing requirements ✓ Rebates are available for air-and ground-source heat pumps that meet individual or both qualifying efficiency levels ✓ Rebates are available for AHRI-listed furnace fans installed on new qualifying furnaces with AFUE 95 or above; <250 MBtu and CEE air handling ratio <0.02
HVAC Tune-Up	<p><u>Existing Measures Changes</u></p> <ul style="list-style-type: none"> ✓ Change wording to describe the tune-up as an efficiency check <p><u>Clarification of Requirements</u></p> <ul style="list-style-type: none"> ✓ Rebates available only once every five years for each equipment type
HomeCheck®	<p><u>Clarifications of Requirements</u></p> <ul style="list-style-type: none"> ✓ Eligibility date changed from Jan. 1, 2004, to Jan.1, 2005, to maintain the rolling 10-year old home requirement ✓ If home has foundation and crawlspace insulation recommended, the crawlspace and foundation rebates are considered as one project ✓ If home has sidewall and kneewall insulation recommended, the sidewall and kneewall rebates are considered as one project
Nonresidential Programs	
Commercial Energy Solutions	<p><u>Existing Measures Changes</u></p> <ul style="list-style-type: none"> ✓ Maximum rebate amount for BOC training changed from \$500 to \$650 (\$390 for electric customers, \$260 for natural gas customers)
Nonresidential Equipment - Lighting (continued on Pages 2)	<p><u>Existing Measures Changes</u></p> <ul style="list-style-type: none"> ✓ Removed LED Omni-directional A-lamps and LED directional lamps <p><u>New Measures</u></p> <ul style="list-style-type: none"> ✓ LED troffer or surface mounted, 2 x 2 <ul style="list-style-type: none"> - 23 – 42 watts - Replacing T-8 and T-12 fluorescent, retrofit only - DesignLights Consortium qualifying products list - \$100 per fixture ✓ LED troffer or surface mounted, 2 x 4 <ul style="list-style-type: none"> - 31 – 90 watts - Replacing T-8 and T-12 fluorescent, retrofit only - DesignLights Consortium qualifying products list - \$125 per fixture



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	<ul style="list-style-type: none"> ✓ LED retrofit kits for fluorescent troffer 2 x 2 <ul style="list-style-type: none"> - 22 – 40 watts - Replacing T-8 and T-12 fluorescent, retrofit only - DesignLights Consortium qualifying products list - \$75 per kit ✓ LED retrofit kits for fluorescent troffer 2 x 4 <ul style="list-style-type: none"> - 32 – 67 watts - Replacing T-8 and T-12 fluorescent, retrofit only - DesignLights Consortium qualifying products list - \$100 per kit ✓ LED linear lamps replacing T-12 <ul style="list-style-type: none"> - 4 foot only; all others to Custom - DesignLights Consortium qualifying products list - \$30 per lamp ✓ LED linear lamps replacing T-8 <ul style="list-style-type: none"> - 4 foot only; all others to Custom - DesignLights Consortium qualifying products list - Utilizing existing pin sockets - \$25 per lamp ✓ LED interior lamps <5 watts <ul style="list-style-type: none"> - All socket types; must be ENERGY STAR listed; replace existing incandescent or halogen lamps and may not be purchased through upstream lighting program. Replacing CFLs does not qualify. - \$5 per lamp ✓ LED interior lamps 5 to 9.9 watts <ul style="list-style-type: none"> - All socket types; must be ENERGY STAR listed; replace existing incandescent or halogen lamps and may not be purchased through upstream lighting program. Replacing CFLs does not qualify. - \$7 per lamp ✓ LED interior lamps 10 to 20 watts <ul style="list-style-type: none"> - All socket types; must be ENERGY STAR listed; replace existing incandescent or halogen lamps and may not be purchased through upstream lighting program. Replacing CFLs does not qualify. - \$10 per lamp ✓ LED interior lamps >20 watts <ul style="list-style-type: none"> - All socket types; must be ENERGY STAR listed; replace existing incandescent or halogen lamps and may not be purchased through upstream lighting program. Replacing CFLs does not qualify. - \$15 per lamp ✓ Occupancy sensor – fixture-mounted for LED fixtures replacing HID <ul style="list-style-type: none"> - Integral or attached to the fixture - \$0.50 per watt controlled <p><u>Clarification of Requirements</u></p> <ul style="list-style-type: none"> ✓ LED fixtures: Revise language to fixture sized as HID wattage equivalent (for example: fixture sized as <100 watt HID equivalent)



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Nonresidential Equipment - Heating and Cooling	<p><u>Existing Measures Changes</u></p> <ul style="list-style-type: none"> - Natural gas water heater, large, >60 gallons: In addition to ≥ 0.65 Energy Factor (EF), add ≥ 0.825 Thermal Efficiency (TE) as minimum qualifying efficiency; either qualification is accepted. - Test procedures and standard rating conditions for all water heaters and heat pumps changed from ASHRAE/IESNA 90.1-2007 to 2010. - Rebate for air-cooled chiller with condenser changed from \$100 X capacity to \$100 per ton. <p><u>New Measures</u></p> <ul style="list-style-type: none"> ✓ Chiller, water cooled <ul style="list-style-type: none"> - Centrifugal and screw/scroll; ≥ 299 tons - <75 ton - 0.0567 kW/ton IPLV; 75-149 ton - 0.554kW/ton IPLV; 150-299 ton - 0.522kW/ton IPLV; >299 ton to Custom - \$15 per ton IPLV ✓ Ductless minisplit heat pumps <ul style="list-style-type: none"> - < 65 MBtuh; ≥ 65 MBtuh to Custom - Must heat and cool via the heat pump system; electric resistance heat does not qualify; rebates are available for equipment meeting individual or both qualifying efficiencies - \$200 to \$500 per cooling ton for SEER - \$150 to \$300 per cooling ton for HSPF ✓ Destratification fans, high-volume, low-speed <ul style="list-style-type: none"> - >20-foot diameter - Horizontal-mounted and VSD-controlled; no additional VSD rebate - \$1,000 <p><u>Clarification of Requirements</u></p> <ul style="list-style-type: none"> ✓ All HVAC equipment: Rebate based on actual equipment rating in Btuh at AHRI rating conditions; 1 ton = 12,000 Btuh ✓ Rebates are available for ASHP and GSHP meeting individual or both qualifying efficiencies
Nonresidential Equipment - Motors and VSDs	<p><u>Clarification of Requirements</u></p> <ul style="list-style-type: none"> ✓ VSDs: Add a note stating: Fans, pumps and blowers that meet all the requirements will be reviewed in the prescriptive program. All other variable-torque load VSD projects where a VSD is not required in the process may be reviewed using a Custom analysis. ✓ VSDs: Add a note stating: There is no cap on motor sizes controlled by a VSD.
Nonresidential Equipment - Building Shell (continued on Page 4)	<p><u>Existing Measures Changes</u></p> <ul style="list-style-type: none"> ✓ Insulation – all <ul style="list-style-type: none"> - Adding insulation to existing buildings only - Rebate will be paid based on the type of fuel purchased from MidAmerican Energy; 100% both fuels /70% natural gas/30% electric ✓ Insulation – sidewall <ul style="list-style-type: none"> - Beginning R-value is presently R-0; revise to metal building R-0, metal-framed R-3, mass wall R-2 and wood-framed/other R-2. - Added qualification that heating energy for the building must be delivered directly from MidAmerican Energy.



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	<ul style="list-style-type: none"> ✓ Windows <ul style="list-style-type: none"> - Rebate will be paid on the type of fuel purchased from MidAmerican Energy; 100% both fuels/65% natural gas/35% electric - Revise minimum square foot per window from 10 to 5 - Fixed-pane windows are viewed as per window (e.g., a window opening with 4 fixed-pane windows is viewed as 4 windows)
Nonresidential Equipment - Commercial Kitchen	<p><u>New Measures</u></p> <ul style="list-style-type: none"> ✓ Demand-controlled ventilation for kitchen range hoods <ul style="list-style-type: none"> - Requires temperature or optic sensors and VSD controlling the range hood exhaust fan; no additional rebate for VSD - \$400 per range hood fan horsepower (both fuels); \$280 gas only; \$120 electric only ✓ LED freezer/cooler case lighting with doors <ul style="list-style-type: none"> - Replacing fluorescent; DesignLights Consortium or Lighting Facts qualifying products list - \$75 per case door ✓ LED freezer/cooler case lighting – open cases <ul style="list-style-type: none"> - Replacing fluorescent; DesignLights Consortium or Lighting Facts qualifying products list - \$75 per open case ✓ Anti-sweat heater controls for refrigerator/freezer glass doors <ul style="list-style-type: none"> - Must be installed on all doors in the case - \$50 per door ✓ Hot food holding cabinets <ul style="list-style-type: none"> - ENERGY STAR-qualified using latest specifications; electric and full size only - \$400 per cabinet

