

# Ameren Missouri Residential Energy Efficiency

## Residential Energy Efficiency Program Measures and Incentives

### Program Measures as listed are for the following Residential Programs:

1. Energy Efficient Lighting
2. Energy Efficient Products
3. Appliance Recycling
4. ENERGY STAR® New Homes
5. Low Income
6. New HVAC and Tune-up

Measures and Incentive amounts for the Home Energy Performance Pilot will be provided prior to program launch, March 1, 2013.

### Energy Efficient Lighting Incentives for Measures identified in the TRM

Energy Efficient Lighting Measures	Low Range Incentive	High Range Incentive
CFL - 13W (60W incandescent equivalent) PRE-EISA	0.50	2.50
CFL - 13W (60W incandescent equivalent) POST-EISA	0.50	2.50
CFL - 18W (75W incandescent equivalent) POST-EISA	0.50	2.50
CFL - 23W (100W incandescent equivalent) POST-EISA	0.50	2.50
CFL - High Wattage Bulbs	1.00	6.00
CFL - Specialty Bulbs	1.00	7.50
CFL - Fixtures	5.0	15.00
CFL - Reflector	1.95	8.00
LED - 10.5W Down light E26 Light Bulb	5.00	15.00
LED - 12W Dimmable Light Bulb	5.00	15.00
LED - 15W Flood Light PAR30 Bulb (POST-EISA)	5.00	15.00
LED - 18W Flood Light PAR38 Bulb (POST-EISA)	5.00	15.00
LED - 8W Globe Light G25 Bulb	5.00	15.00
Occupancy Sensor	9.15	15.00

### Energy Efficient Product Incentives for Measures identified in the TRM

Energy Efficient Product Measures	Low Range Incentive	High Range Incentive
Energy Star Room AC	10.00	50.00
Heat Pump Water Heaters	125.00	700.00
Pool Pump and Motor Single Speed	10.00	75.00
Pool Pump and motor w auto controls - multi speed	85.00	300.00
Setback thermostat - full setback_SF	10.00	50.00
Setback thermostat - moderate setback_SF	10.00	50.00
Smart Strip plug outlet	6.00	25.00

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Energy Efficient Product Measures	Low Range Incentive	High Range Incentive
VFDs on Residential Swimming Pool Pumps	60.00	250.00
Water Heater - Electric	10.00	50.00
Low Flow Faucet Aerator - Electric water heater	1.50	5.00
Low Flow Showerhead - Electric water heater	3.00	15.00
Pipe Wrap - Electric water heater	1.00	7.50
CFLs 13W	.50	2.50
*When measures are part of a bundled product kit , shipping and handling is not included in above amounts		

### Appliance Recycling Program Incentives for Measures identified in the TRM

Appliance Recycling Measures	Incentive
Dehumidifier recycling	0
Freezer Recycling	50.00
Refrigerator Recycling	
Room AC recycling	0

### ENERGY STAR® New Homes Incentives for Measures identified in the TRM

Incentives are paid to participating Builders on a whole house basis. There are two payment tiers:

- **Tier One High Performance Homes:**
  - Insulation requirements for Walls, Floors and Ceilings are enforced and signed by HERS Rater
  - Requires cracks in building envelope to be fully sealed
  - Builder submits HERC certificate and AHRI and REM
- **Tier Two ENERGY STAR Homes:**
  - Requires ENERGY STAR qualified light bulbs in 80 percent of light locations
  - ASHRAE 62.2 Ventilation Requirements in full effect
  - All Four ENERGY STAR Checklists (Thermal Enclosure, HVAC System Quality Checklists for Contractors and Raters, and Water Management System Checklist) enforced and signed by HERS Rater
  - ENERGY STAR Certificate, AHRI and REM also submitted
  - Requires certification for HVAC contractor

New Homes Measures	Tier One- High Performance Home: \$500 per house Tier Two- ENERGY STAR® Home: \$800 per house
ASHP - SEER 14 Replace at Fail with ASHP	
ASHP- SEER 14 Replace at Fail Elec Resist Furnace	
ASHP - SEER 15 Replace at Fail with ASHP	
ASHP- SEER 15 Replace at Fail Elec Resist Furnace	
ASHP - SEER 16+ Replace at Fail with ASHP	
ASHP- SEER 16+ Replace at Fail Elec Resist Furnace	
CAC - SEER 14 Replace at Fail	

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New Homes Measures	Tier One- High Performance Home: \$500 per house Tier Two- ENERGY STAR® Home: \$800 per house
CAC - SEER 15 Replace at Fail	
CAC - SEER 16+ Replace at Fail	
CFL - 13W (60W incand equiv) PRE-EISA	
CFL - 13W (60W incand equiv) POST-EISA	
CFL - 18W (75W incand equiv) POST-EISA	
CFL - 23W (100W incand equiv) POST-EISA	
CFL - Fixtures	
CFL - High Wattage Bulbs	
CFL - Reflector	
CFL - Specialty Bulbs	
Duct Sealing Level 1	
Duct Sealing Level 2	
Geothermal HP Desuperheater	
GSHP - SEER 14+ Replace Elec Resist Furnace	
Heat Pump Water Heaters	
HID - Exterior	
Air Sealing (Infiltration reduction) - 30%_SF	
LED - 10.5W Downlight E26 Light Bulb	
LED - 12W Dimmable Light Bulb	
LED - 15W Flood Light PAR30 Bulb (Post-EISA)	
LED - 18W Flood Light PAR38 Bulb (Post-EISA)	
LED - 8W Globe Light G25 Bulb	
Occupancy Sensor	
PTAC 10.3 EER_SF	
PTAC 9.3 EER_SF	
PTHP 10.9 EER_SF	
PTHP 9.1 EER_SF	
RCA 10% improvement_SF	
Setback thermostat - full setback_SF	
Setback thermostat - moderate setback_SF	
Water Heater - Electric	
Window Replacement_SF	

### Low Income Incentives for Measures identified in the TRM

Low Income Measures	Low Range Incentive	High Range Incentive	Incentive Amount
AC - Energy Star Room_MF	348.00	479.00	
AC - Energy Star Room - Thru-Wall_MF	348.00	636.00	

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## Residential Energy Efficiency Program Measures and Incentives

Low Income Measures	Low Range Incentive	High Range Incentive	Incentive Amount
CFL - 13W_MF PRE-EISA_MF			5.00
CFL - 13W_MF POST-EISA_MF			5.00
CFL - 18W (75W incand equiv) POST-EISA_MF			5.50
CFL - 23W (100W incand equiv) POST-EISA_MF			5.75
Energy Star Refrigerator_MF	525.00	820.00	
HVAC Maintenance and Tune-up_MF			100.00
LED - 10.5W Downlight E26 Light Bulb_MF			23.14
LED - 12W Dimmable Light Bulb_MF			40.04
LED - 15W Flood Light PAR30 Bulb (Post-EISA)_MF			42.90
LED - 18W Flood Light PAR38 Bulb (Post-EISA)_MF			42.90
LED - 8W Globe Light G25 Bulb_MF			36.40
Low Flow Faucet Aerator_MF	13.00	15.00	
Low Flow Showerhead_MF	37.00	48.50	
Pipe Insulation_MF			1.50
RCA 10% improvement_MF			105.00
Setback thermostat - full setback_MF			100.00
Smart Strip plug outlet_MF			38.49
Water Heater Blanket_MF			58.31
AC - Energy Star Room_SF	363.00	483.00	
AC - Energy Star Room - Thru-Wall_SF	363.00	641.50	
CFL - 13W_MF PRE-EISA_SF			5.50
CFL - 13W_MF POST-EISA_SF			5.50
CFL - 18W (75W incand equiv) POST-EISA_SF			6.00
CFL - 23W (100W incand equiv) POST-EISA_SF			6.25
HVAC Maintenance and Tune-up_SF			100.00
LED - 10.5W Downlight E26 Light Bulb_SF			24.00
LED - 12W Dimmable Light Bulb_SF			40.04
LED - 15W Flood Light PAR30 Bulb (Post-EISA)_SF			42.90
LED - 18W Flood Light PAR38 Bulb (Post-EISA)_SF			42.90
LED - 8W Globe Light G25 Bulb_SF			37.00
Low Flow Faucet Aerator_SF	15.00	17.00	
Low Flow Showerhead_SF	38.00	49.00	
Pipe Insulation_SF			1.60
RCA 10% improvement_SF			105.00
Setback thermostat - full setback_SF			105.00
Smart Strip plug outlet_SF			44.97
Water Heater Blanket_SF			58.81

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## Residential Energy Efficiency Program Measures and Incentives

### New HVAC and Tune-up Incentives for Measures identified in the TRM Rev 1. 5/5/14

HVAC Measure	Customer-facing name	Incentive
ASHP - SEER 14 ER with ASHP ERbegin	ASHP SEER 14 Replacing ASHP	400
ASHP - SEER 14 ER with ASHP ERend		
ASHP - SEER 14 Replace at Fail with ASHP		
ASHP - SEER 14 ER Elec Resist Furnace ERbegin	ASHP SEER 14 Replacing Electric Furnace	600
ASHP - SEER 14 ER Elec Resist Furnace ERend		
ASHP- SEER 14 Replace at Fail Elec Resist Furnace		
ASHP - SEER 15 ER with ASHP ERbegin	ASHP SEER 15 Replacing ASHP	450
ASHP - SEER 15 ER with ASHP ERend		
ASHP - SEER 15 Replace at Fail with ASHP		
ASHP - SEER 15 ER Elec Resist Furnace ERbegin	ASHP SEER 15 Replacing Electric Furnace	700
ASHP - SEER 15 ER Elec Resist Furnace ERend		
ASHP- SEER 15 Replace at Fail Elec Resist Furnace		
ASHP - SEER 16+ ER with ASHP ERbegin	ASHP SEER 16+ Replacing ASHP	550
ASHP - SEER 16+ ER with ASHP ERend		
ASHP - SEER 16+ Replace at Fail with ASHP		
ASHP - SEER 16+ ER Elec Resist Furnace ERbegin	ASHP SEER 16+ Replacing Electric Furnace	800
ASHP - SEER 16+ ER Elec Resist Furnace ERend		
ASHP- SEER 16+ Replace at Fail Elec Resist Furnace		
CAC - SEER 14 ERbegin	CAC SEER 14 Existing unit is still working	300
CAC - SEER 14 ERend		
CAC - SEER 14 Replace at Fail	CAC SEER 14 Existing unit is not working	150
CAC - SEER 15 ERbegin	CAC SEER 15 Existing unit is still working	400
CAC - SEER 15 ERend		
CAC - SEER 15 Replace at Fail	CAC SEER 15 Existing unit is not working	175
CAC - SEER 16+ ERbegin	CAC SEER 16+ Existing unit is still working	475
CAC - SEER 16+ ERend		
CAC - SEER 16+ Replace at Fail	CAC SEER 16+ Existing unit is not working	200

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HVAC Measure	Customer-facing name	Incentive
Concept 3 Continuous Fan Replace at Fail	<b>ECM Motor</b> Included in AHRI Efficiency Rating Or <b>ECM Motor</b> Not included in AHRI Efficiency Rating	<b>50 or 100</b>
Concept 3 Installations Auto Fan ERbegin		
Concept 3 Installations Auto Fan ERend		
Concept 3 Installations Auto Fan Replace at Fail		
Concept 3 Installations Continuous Fan ERBegin		
Concept 3 Installations Continuous Fan EREnd		
<b>DFHP 14 SEER</b>	<b>Dual Fuel Heat Pump</b>	<b>150</b>
<b>DFHP 15 SEER</b>		<b>175</b>
<b>DFHP 16 SEER</b>		<b>200</b>
GSHP - SEER 14+ ER ASHP with GSHP ERbegin	Geothermal Heat Pump SEER 14+	<b>1200</b>
GSHP - SEER 14+ ER ASHP with GSHP ERend		
GSHP - SEER 14+ ER Elec Resist Furnace Erbegin		
GSHP - SEER 14+ ER Elec Resist Furnace ERend		
GSHP - SEER 14+ Replace Elec Resist Furnace		
HVAC Maintenance and Tune-up_SF	Tune Up	75
Indoor Coil Cleaning		
Outdoor Coil Cleaning		
RCA 10% improvement_SF		
<b>Programmable Thermostat rebate was discontinued 5/5/14</b>		