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2017 Rebate Offerings!

Since 2012, St. Charles Public Utilities (SCPU) has been offering rebates for business and residential customers for installing energy efficient technologies. Now is the time to receive your rebates for approved electric savings projects you have performed in 2017.

Rebates for Business Customers of SCPU:

Air Conditioning Equipment Rebates

DX Packaged and Split Units: \$75/ton

| Size | Min. Efficiency |
|------------------------|-----------------|
| <= 5.4 tons | 13.5 SEER |
| 5.5 – 11.3 tons | 11.5 EER |
| 11.4 – 19.9 tons | 11.3 EER |
| 20 – 63.3 tons | 10.3 EER |
| Greater than 63.3 tons | 10 EER |

Electronically Commutated (EC) Motors

HVAC Fan Applications: Forced Air Furnace, Fan-powered VAV box, HVAC Exhaust Fan, Condenser Fan \$100

HVAC Pump Applications: Boiler or Domestic Hot Water Circulation Pump \$100

Refrigeration Applications: Refrigerator or Freezer Evaporator Fan \$100

Lighting Rebates (cannot exceed 50% of Cost)

| | |
|---------------------------------------|--------------|
| LED Bulbs (<10 Watts) | \$5/bulb |
| LED Bulbs (10-20 Watts) | \$10/bulb |
| LED Bulbs (>10 Watts) | \$20/bulb |
| LED T8 Lamp – Type-A Plug-and-Play | \$5/lamp |
| LED T8 Lamp – Type-B (Direct Wire) | \$10/lamp |
| LED Troffers | \$50/fixture |
| LED Pin Base Bulb (replacing CFL pin) | \$5/bulb |

| | |
|-----------------------------------|-----------------|
| LED Exterior Fixtures (hardwired) | |
| <= 25W | \$50 / fixture |
| 26-60W | \$100 / fixture |
| 61-150W | \$150 / fixture |
| 151-250W | \$250 / fixture |

| | |
|--------------------------------------|---------------|
| Lighting Sensors (rebate per sensor) | |
| Motion | \$20 / sensor |
| Photocell | \$20 / sensor |
| Daylight | \$20 / sensor |

| | |
|----------------------------------|-------------|
| LED Refrigerated Case Lights | \$75 / door |
| LED Exit Signs | \$25 / sign |
| Low Wattage T8 lamps (28 or 25W) | \$1 / lamp |

VFD's (Fan and Pump Motors)

| Motor HP Controlled | Rebate/VFD |
|---------------------|------------|
| < 1 HP | \$250 |
| 1 HP-3 HP | \$500 |
| 5 HP – 10 HP | \$750 |
| 15 HP – 25 HP | \$1,250 |
| 30 HP – 50 HP | \$2,500 |
| >50 HP | Custom |

Other Rebates

| | |
|------------------------------------|-------------------|
| Anti-sweat heater controls | \$75 / door |
| ENERGY STAR Food Service Equipment | Custom |
| Smart Thermostats | \$50 / thermostat |

Rebates for Residential Customers of SCPU:

Appliance Rebates

| | |
|---|-------|
| Refrigerators | \$150 |
| Dishwashers | \$100 |
| Clothes Washers | \$125 |
| Room Air Conditioners | \$15 |
| Dehumidifiers (Recycle old and purchase new to qualify) | \$15 |
| Freezers | \$150 |
| Energy Saving Power Strips | \$15* |

Heating and Cooling Equipment Rebates

| | |
|---------------------------------------|------------------------------|
| Central Air Conditioners (>14 SEER) | \$200 / with building permit |
| Air Source Heat Pump (>90% Efficient) | \$150 / with building permit |
| Geothermal Heat Pumps | \$200 / ton minimum |
| Furnace ECM Fan Motor | \$100 |

Lighting Rebates

| | |
|---------------------------------|---------------------------|
| LED Bulbs (<10 Watts) | Lesser of \$5 / 50% Cost |
| LED Bulbs (>10 Watts) | Lesser of \$10 / 50% Cost |
| LED Light Fixtures (Integrated) | Lesser of \$20 / 50% Cost |

Importance of Air Sealing

Many homeowners are very focused on replacing their windows or insulating their homes to reduce their heating and cooling bills. A third area to focus on that is often overlooked is air sealing your home. Gaps around the rim joist, top plates, and attic bypasses may appear small but can cause discomfort from the unconditioned outside air making its way into your home.

Before going around your home and sealing every gap with caulk or spray-foam, have a home energy audit with a blower-door performed to determine the air infiltration rate in your home. Your auditor will advise you of the key areas to air-seal as well as inform you of any mechanical ventilation that may be required if you seal the structure too tightly.

New LED Technologies:

Two new technologies have become available for screw-in LED lamps for residential applications – Dim to Warm and SceneSwitch™ from Philips.

Dim to Warm: These type of LED lamps change in color temperature as they dim. At full brightness these lamps appear soft white (2700K) and as they dim they become redder in color as they approach (2200K). These do a great job of mimicking the incandescent lamps they replace, making them an ideal fit in living or dining rooms.

SceneSwitch: These type of LED lamps can change between soft white, daylight, and a warm glow by a simple flick of the light switch without having to do any electrical work. These are great in multi-purpose spaces so the lighting can match the mood in the space.



Image Courtesy of: <http://www.homedepot.com/p/Philips-60W-Equivalent-Daylight-Soft-White-Warm-Glow-SceneSwitch-A19-LED-Light-Bulb-464867/207053953>