# Insulation & Weatherization

## Water Heating

#### **Installed Insulation**

Homes with electric heat (with or without central air conditioning):

40% of materials cost up to \$600 max./year

Homes with non-electric heat and central air conditioning:

• 20% of materials cost up to \$300 max./year

Homes with non-electric heat and no central air conditioning:

• No incentive available

### Must increase ceiling to R38, wall to R19 or foundation to R10; radiant barriers not eligible.

Existing homes (not new homes) only; material costs only (no labor). Must be professionally installed by a registered contractor for blownin, insulating concrete forms, rigid Styrofoam panels and/or Structural Insulated Panels (SIP) type insulation. Radiant barriers are not eligible. Subject to inspection by Iowa Lakes Electric Cooperative. Maximum rebate applies to all insulation/weatherization upgrades per residential/ farm building per year.

#### Weatherization and Duct Insulation

Homes with electric heat (with or without central air conditioning):

• 40% of materials cost up to \$200 max./year

Homes with non-electric heat and central air conditioning:

• 20% of materials cost up to \$100 max./year

### Homes with non-electric heat and no central air conditioning:

• No incentive available

Weatherization includes weather stripping, infiltration control, outlet covers and window wrapping. Minimum of \$25 purchase required to receive incentive. Maximum rebate applies to all weatherization upgrades per residential/farm building per year.

Ducts must be in non-conditioned spaces only.

#### **Electric Resistance Storage Water Heaters**

Minimum .90 Energy Factor rating; electric resistance storage tank-type water heaters only (no tankless water heaters).

- Storage tank-type with a .90+ Energy Factor
- Must enroll in load control program



Rebates are available for heat pump water heaters. Call for details.



A Touchstone Energy<sup>®</sup> Cooperative **K** 702 South 1st Street • Estherville, IA 51334 800-225-4532 • www.ilec.coop

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# **Electric Vehicles**

# **Heating & Cooling**

# Savings Guide

### Electric Vehicle Level 2 charger • 50% of the charger price up to \$500

- Member must submit charger make, model, serial number, receipt and vehicle make, model
- Member must enroll in the Cooperative's EV Time of Day Rate and have a separate submeter installed
- Chargers must be 240-volt hardwired per local codes (3 charger maximum per household)
- Rebate is eligible for plug-in vehicles (PEVs) or plug-in hybrid electric vehicles (PHEVs) only
- Charger installation is subject to verification by Iowa Lakes Electric Cooperative



#### **LED Lighting Fixtures • \$6/fixture** No more than 50% of cost. Retrofit only.

#### ENERGY STAR LED Bulbs • \$2/bulb No more than 50% of cost. Retrofit only.

#### LED Security Lights - no more than 50% of cost 10-39 watts • \$10/fixture 40+ watts • \$30/fixture

#### Geothermal Heat Pump • \$300/ton

• **\$50/unit bonus if installed with desuperheater** ENERGY STAR<sup>®</sup> rated or at least EER 14 and COP 3.3; 20-ton maximum per structure without prior approval.

#### Geo HP replacing Geo HP • \$150/ton

#### Air Source Heat Pump

- Two units maximum per single-family dwelling or outbuilding. One rebate maximum per family in multi-family dwelling.
- SEER under 15/SEER2 under 14.3 \$50/ton SEER 15+/SEER 14.3+ • \$200/ton
- With gas backup and load control agreement SEER under 15/SEER2 under 14.3 • \$150/ton SEER 15+/SEER 14.3+ • \$300/ton

#### Mini-Split/Hotel-Type Ductless Heat Pumps SEER 15+/SEER2 14.3+ • up to \$200/ton

Total rebate can not exceed 50% of the cost of the unit. Two units maximum per single-family dwelling or out building. One rebate maximum per family in multifamily dwelling.

#### High-Efficiency Central Air Conditioning SEER 15.0-15.9/SEER2 14.3-15.1 • \$50/unit

**SEER 16+/SEER2 15.2+ • \$100/unit** Minimum 15 SEER/14.3 SEER2 for rebate. Two units maximum per single-family dwelling or outbuilding. One rebate max. per family in multi-family dwelling.

Heat Recovery Ventilators • \$125/unit New or existing home.

#### Air Source or Geothermal Heat Pump Compressor Replacement • \$50/ton

#### Controllable Resistance Heat • \$20/kW

- Central or zoned
- Hard-wired/permanently installed
- Minimum: 10 kW or whole-house
- Maximum: 20 kW per installation; higher kW requires cooperative approval.
- Heat pump back up not eligible

eating with an efficient electric heating system costs less than it would for typically priced fossil fuels. Not only can you heat for less with electricity, but electric rates have held relatively stable while fossil fuel prices fluctuated significantly over recent years.

Receive a **3.3339-cent/kWh discount** for the electricity used to heat your home, shop or business during the months of October through April using an energy-efficicent heating system. A sub-meter is required.

#### Heating your home with: Costs the same as:

Geothermal heat pumpheating with propaneat .37/gal.Air source pumpheating with propaneat .59/gal.Electric resistanceheating with propane at \$1.48/gal.



#### ENERGY STAR Clothes Washer • \$50 ENERGY STAR Clothes Dryer • \$50 ENERGY STAR Dishwasher • \$25 ENERGY STAR Freezer • \$25 ENERGY STAR Refrigerator • \$25

Unit must be new, ENERGY STAR® rated and installed at member-owner's location. Subject to ILEC inspection.

**Energy Audit -** An energy advisor from Iowa Lakes Electric Cooperative can help you save money by conducting an energy audit of your home. You will receive an audit report and recommendations that can help save on energy costs.