

2019 Energy Efficiency Products



TRI-STATE

Product

Specs

Rebate incentive

Residential

Residential LED lamps (Ends 12/31/2019)

- LED light bulbs, lamps or fixtures 500 lumens or greater
- Medium, GU24 or other residential/light commercial oriented base
- Multi-LED light sources i.e. rope-light, LED troffers, or under-counter lighting are considered a single fixture

- Lower of \$8/lamp/fixture or 50% of the lamp/fixture cost
- Member-owner account cap of 50 lamps per year

Energy Star® appliances and recycling

- Eligible appliances include: refrigerators, freezers, clothes washers, clothes dryers, dishwashers
- Member-owners may recycle a maximum of 2 refrigerators/freezers per year
- Must be Energy Star® rated. A list of qualifying equipment is available at www.energystar.gov

- \$30/unit, full size refrigerators or freezers
- \$60/unit for refrigerator/freezer recycling
- \$40/unit for front load clothes washers
- \$30/unit for top load clothes washers
- \$30/unit for clothes dryers (electric only)
- \$90/unit for hybrid heat pump clothes dryers (ventless)
- \$20/unit for dishwashers

Low income weatherization

- Package may include: insulation, windows/doors, caulking, sealing and weatherstripping
- See fact sheets for more detail

- Member system contribution match of 50% labor/material up to \$500

Res & Comm

Electric water heaters and heat pump water heaters

- Energy Star® residential unit or any commercial installation

- \$30/basic unit, 30 to 55 gallon only, \$20/unit additional incentive for lifetime tank warranty
- \$350/unit for air source heat pump powered, 30 gallon minimum
- \$100/unit for primary heating by direct exchange ground source (aka desuperheater), \$25/unit additional incentive for lifetime tank warranty; any size

Energy Star® air conditioners

- Minimum equipment size is 1 ton
- A list of qualifying equipment is available at www.ceedirectory.org

- \$100/unit split system Energy Star® rated air conditioners from 15 to 16 SEER
- \$150/unit split system Energy Star® rated air conditioners over 16 SEER

Electric thermal storage and thermal slab

- Minimum qualifying load for ETS is 1kW

- \$16/kW for ETS units controlled by timers or master control system
- Thermal slab \$12/kW for slabs controlled by timers or master control system

Electric heat pump: air source

- Minimum 15 SEER
- Minimum equipment size is 1 ton (12,000 Btuh)
- Energy Star® rating not required

- \$300/ton for units rated from 15 to 17 SEER
- \$450/ton for units greater than 17 SEER
- \$100/unit additional incentive for central air source with integrated controlled ETS backup in lieu of a separate ETS incentive
- \$85/terminal unit (through-wall mounted heat pumps)

Electric heat pump: central ground source

- Minimum 3/4 ton (9,000 Btuh) to receive an incentive
- Energy Star® not required

- \$500/ton for new installations
- \$250/ton for existing unit replacement

Product

Specs

Rebate incentive

Commercial

Commercial LED lighting

- Includes exterior wall mounted lighting, exterior pole mounted lighting, refrigerated case lighting, and interior lighting
- For both new construction and retrofits
- One project per category, per member-owner account per year
- See fact sheets for more detail

- Pre-set amount by fixture type as outlined in spreadsheet available on the MIC
- Pole mounted lighting cap of \$20,000 or 25% of total LED head cost per project/account
- Refrigerated case lighting cap of \$3,000 or 50% of total LED fixture cost per project/account
- All other retrofit or new construction fixture types have a combined cap of \$20,000 or 50% of LED fixture cost, per project/account

Refrigerated case/walk-in cooler fan motor retrofit

- Applies to medium/low temp reach-in refrigerated cases, multi-deck open cases and walk-in coolers
- For the replacement of evaporator fan motors with Electronically Commutated Motors (ECM) in existing cases or in new cases installed in an existing location
- Permanent installation only
- One project per account location per year

- \$50 per installed motor

Irrigation motor program

- Motor sizes 10hp to 500hp
- Irrigation motors only
- Refer to table in fact sheet for minimum motor efficiencies
- Operating at minimum of 15% load factor or 3 months per year

- \$8/hp
- \$1.50/hp wiring assistance if the motor replaces a fossil-fueled engine, or is a new installation

Variable speed drive (VSD) retrofit

- Motor sizes from 25hp and larger
- Applies to irrigation, farm, commercial and industrial uses
- Only retrofits to existing installations qualify, no new and no maintenance replacements
- See fact sheets for more detail

- Sliding scale from \$1,600 to \$6,800
- Based on motor horsepower
- Cap of 50% of the VSD equipment costs
- Per project cap of \$20,000

Industrial manufacturing/agricultural processing audits

- Member-owner should have significant energy bills and the capability to move ahead with certain recommendations
- Tri-State can limit participation and audit costs

- Up to 75% funding of audits for industrial and agricultural processing-focused businesses through Tri-State approved/provided auditor
- 1 audit per member system
- Limited funding may be available to implement audit recommendations

Education programs

Tri-State sponsored education programs

Tri-State will, with interested member systems, conduct seminars on: advanced efficient irrigation techniques and technology applications, awareness, education and application on residential energy efficiency, energy efficient motors and drives, infrared camera workshops, heating/cooling/water heater workshops and other areas of interest to the member systems.

Rebate incentive

Tri-State will assist with the costs of seminars at their discretion.

Advertising program

Member systems may apply for 50% matching funds spent on energy efficiency advertising, up to \$8,000 in qualified expenses with a maximum payout of \$4,000 per calendar year.

Our purpose

Tri-State's Energy Efficiency Products (EEP) program has been in place since 1985 and is a partnership between Tri-State and our member systems. It is designed to promote efficient electric products, the wise use of electricity, and new electric technologies that represent value for member systems, their member-owners and Tri-State.

All Tri-State member systems are eligible to participate and they may tailor product selection to meet their specific goals.

Pilot programs

Touchstone Energy advisor training

Energy Solutions Kick-Start and Solar 101 - Tri-State will cover 50% (up to \$400) of tuition cost for member system employees per year.

Energy auditing training

Tri-State will match 50% of tuition costs up to \$650 per co-op for successful completion of pre-approved Energy Auditor certification. This is only for member system employees seeking new certifications. Please submit desired auditing course information to your relationship manager for pre-approval.

Electric Vehicle Charging Equipment Rebates

Level 2, without data and fee collection ability

- For public or private installation
- Tri-State will match member system rebate up to \$500
 - 50% match of EV charging equipment up to \$250
 - 50% match of electric service installation up to \$250

Level 2, with data and fee collection ability for public accessible installations

- 50% match of EV charging equipment and electric service installation up to \$1,000

Level 3, DC Fast Charge with data and fee collection ability

- 50% match of EV charging equipment and electric service installation up to \$3,000

Electrification

This EPRI program covers truck stop/parking electrification, transportation refrigeration unit projects and electric forklifts. Tri-State will rebate up to \$2,500 for truck stop/parking and transportation refrigeration unit projects and will rebate up to \$1,500 for electric forklifts. Overall program cap of \$150,000.

Energy efficiency pilot

Ideas proposed and submitted by member systems with future benefits to Tri-State and the members. Program cap of \$100,000. Funding is at Tri-State's discretion.

Energy efficiency references

The Colorado Energy Office

www.colorado.gov/energy | 303-866-2100

Nebraska Energy Office

www.neo.ne.gov | 402-471-2867

New Mexico Energy Conservation and Management Division

www.emnrd.state.nm.us/ECMD | 505-476-3310

Wyoming Business Council

www.wyomingbusiness.org/energy | 307-777-2800

Energy Star®

www.energystar.gov

Energy Star® Product look-up

<https://data.energystar.gov>



www.tristate.coop