

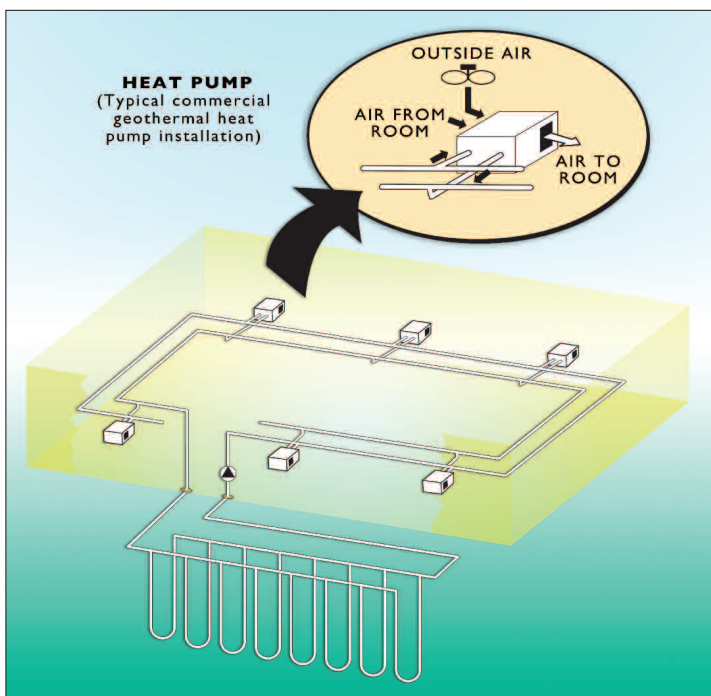
Purpose

Tri-State's Energy Efficiency Products (EEP) program is designed to help our member-owners save money and use energy wisely. The EEP program is a partnership between Tri-State and our Member Systems aimed at promoting electric products and new technologies available to electric co-op consumers that represent a value for our Member Systems and their member-owners.

Tri-State's EEP program has been in place since 1985 as a means to encourage and reward energy-efficient purchases and practices. The program provides member-owners with rebates for the installation of more efficient lighting, heating and cooling systems, and similar applications. In 2011 alone Tri-State saved approximately 45,000 megawatt-hours in energy through equipment installed under its EEP program.

As new energy-saving devices are marketed to consumers, Tri-State continues to expand EEP eligibility.

Any Tri-State Member System may choose to participate and may tailor the program to meet its specific goals.

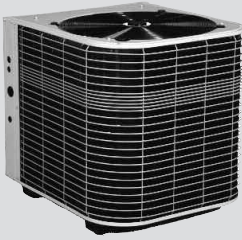






Most Member Systems offer additional incentives to their member-owners, enhancing the Tri-State EEP program.

EEP future

With its Member Systems, Tri-State continually reviews new energy efficiency technologies, energy codes, regulations and the market to ensure the EEP program design meets the needs of member-owners and rural industries. Over the past few years, Tri-State has modified and expanded the EEP program to better meet the needs of its Member Systems and their member-owners. Federal mandates and pricing changes are overtaking some of Tri-State's present offerings and incentives will likely be adjusted accordingly over the next few years.

- Manufacture of common 100-watt incandescent light bulbs was phased out in December of 2011 and others down to 40 watts will be phased out over the next two years. Our successful CFL program has been replaced in 2012 with LED incentives. As the price for LEDs drop, expect the Tri-State incentive to decrease in future years.
- Many 4 and 8 foot commercial fluorescent tubes will be phased out in July of 2012, including almost all of the old style T12 lamps. This phase-out will add to the price pressure currently being felt due to a shortage of "rare earth" minerals used in fluorescent lighting production.
- Residential / small commercial water heaters over 55 gallons will be required to have a heat pump unit in 2015.

Eligible installations	Specifications	EEP amount
<p>Electric heat pump: Central air source</p> 	<ul style="list-style-type: none"> ■ Energy Star equipment has an additional incentive ■ Equal or higher than 8.2 HSPF, 14.5 SEER and 12 EER for Energy Star split systems ■ Equal or higher than 8.0 HSPF, 14 SEER and 11 EER for Energy Star single package equipment 	<ul style="list-style-type: none"> ■ \$125/ton with electric resistance backup ■ \$100/unit additional incentive for central air source with integrated controlled ETS backup in lieu of a separate ETS incentive ■ \$150/ton for central air source with non-electric backup ■ \$150/unit additional incentive for Energy Star rated units 3 tons and larger ■ \$100/unit additional incentive for Energy Star rated units from 2 to 3 tons ■ \$50/unit additional incentive for load control by the utility ■ Member Systems are encouraged, but not required, to contribute \$50/ton for central units ■ \$85/unit for terminal units (through-the-wall mounted heat pumps)
<p>Electric heat pump: Central ground source closed-loop</p>	<ul style="list-style-type: none"> ■ Equal or higher than 3.5 COP and 16.1 EER for Energy Star water to air 	<ul style="list-style-type: none"> ■ \$150/ton ■ \$150/unit additional incentive for Energy Star rating 3 tons and larger ■ \$50/unit additional incentive for load control by the utility ■ Member Systems are encouraged, but not required, to contribute \$50/ton for central units
<p>Split system air conditioners - Energy Star rated</p>	<ul style="list-style-type: none"> ■ A complete list of qualified equipment is available at www.energystar.gov ■ Minimum equipment size is 2 tons 	<ul style="list-style-type: none"> ■ \$150/unit split system Energy Star rated air conditioners 3 tons and larger ■ \$100/unit additional incentive for Energy Star rated units from 2 to 3 tons ■ \$50/unit for load control by the Member System
<p>Electric thermal storage</p>		<ul style="list-style-type: none"> ■ \$16/kW for units controlled by timers or master control system + \$4/kW Member System payment
<p>Thermal slab</p>		<ul style="list-style-type: none"> ■ \$12/kW for slabs controlled by timers or master control system + \$4/kW Member System payment
<p>Commercial lighting replacement</p>	<ul style="list-style-type: none"> ■ Only one project per Member System member account per year 	<ul style="list-style-type: none"> ■ Lower of: <ul style="list-style-type: none"> - 50% of fixture/lamp cost or - \$250/kW saved - Per project cap of \$20,000
<p>LED lighting retrofit for refrigerated case doors</p>		<ul style="list-style-type: none"> ■ \$60 per reach-in case door ■ \$10 per foot of multi-deck open case ■ Maximum of 50 doors or equivalent per Member ■ Cap per Member account location of \$3,000
<p>Street, parking lot and security lighting</p> 	<ul style="list-style-type: none"> ■ LED and induction technology only ■ Only one project per Member System member account per year ■ Minimum light output equivalent to a 75 watt HPS ■ Typically pole mounted ■ Must be grid connected ■ Retrofit and new construction ■ Includes security light screw-in replacement lamps 	<ul style="list-style-type: none"> ■ LED lighting: <ul style="list-style-type: none"> - 1/4 cost of head equipment cost or \$200/head for 400 watt equivalent light output - Please refer to table of incentives for lower wattages ■ Induction lighting: <ul style="list-style-type: none"> - 1/4 cost of head equipment cost or \$150/head for 400 watt equivalent light output - Please refer to table of incentives for lower wattages ■ Per project cap of \$20,000
<p>Energy Star LED light bulbs (lamps)</p> 	<ul style="list-style-type: none"> ■ Energy Star approved ■ 300 lumens or greater ■ Medium, GU24 or other residential/light commercial oriented base ■ Qualified LED fixtures 	<ul style="list-style-type: none"> ■ \$10/lamp or fixture

Eligible installations	Specifications	EEP amount
<p>Electric water heaters and heat pump water heater</p> 	<ul style="list-style-type: none"> ■ Minimum 30-gallon capacity and 6-year tank warranty ■ Minimum utility load control or time-of-day meter relaying should cycle units off between 1 p.m. and 10 p.m. daily 	<p>Basic Unit</p> <ul style="list-style-type: none"> ■ \$50/unit + \$20/unit Member System payment ■ \$25/unit additional incentive for units controlled by timers or low wattage elements (3,000 watts maximum) ■ \$25/unit additional incentive for lifetime tank warranty ■ \$75/unit additional incentive for utility control by means of a time-of-day meter or load control signal <p>Heat Pump (geothermal) powered or waste heat</p> <ul style="list-style-type: none"> ■ \$100/unit for primary heating by direct exchange ground source or heat pump waste heat + \$20/unit Member System payment <p>Heat Pump Water Heater (air source)</p> <ul style="list-style-type: none"> ■ \$350/unit + \$20/unit Member System payment ■ Energy Star residential unit or any commercial installation in 2012
<p>Refrigerators, freezers, clothes washers and dishwashers - Energy Star rated</p>	<ul style="list-style-type: none"> ■ A complete list of qualified equipment is available at www.energystar.gov 	<ul style="list-style-type: none"> ■ \$40/unit, refrigerators or freezers ■ \$40/unit addition for refrigerator/freezer recycling ■ \$40/unit for clothes washers ■ \$30/unit for dishwashers
<p>Premium efficiency electric motors</p> 	<ul style="list-style-type: none"> ■ Maximum motor size 500 hp ■ Limited to irrigation motors and special purpose motors not covered by EISA 2007 ■ Table available listing minimum motor efficiencies ■ Minimum 10 horsepower, operating at minimum of 15% load factor or 3 months per year 	<ul style="list-style-type: none"> ■ \$8/horsepower from 10 through 500 horsepower ■ Member Systems shall contribute a minimum of \$1.00 per horsepower ■ \$1.50/horsepower wiring assistance if the motor replaces a fossil-fueled engine, or is a new installation ■ \$50/unit additional incentive for utility control of irrigation pumps by means of a load control signal. This is only for fossil-fuel to electric conversions, new wells, or existing wells not previously controlled.
<p>Low Income Weatherization</p>	<ul style="list-style-type: none"> ■ Provide incentives to Member Systems that participate with their State Low Income Weatherization Program ■ Package may include: insulation, windows, caulking and entrance doors, CFLs, etc. ■ Incentives for refrigerators available through other existing program opportunities 	<ul style="list-style-type: none"> ■ 50/50 match with Member Systems ■ Cap of \$500 for Tri-State participation per Member System member account

Education programs

Program	Specifications	EEP amount
<p>Tri-State sponsored education programs</p>	<p>Tri-State will, with interested Member Systems, conduct seminars on:</p> <ul style="list-style-type: none"> ■ Advanced efficient irrigation techniques and technology applications ■ “Awareness, Education and Application” on residential energy efficiency ■ Energy efficient motors and drives seminar 	<ul style="list-style-type: none"> ■ Tri-State will assist with the costs of the seminars

Pilot programs

Program	Specifications	EEP amount
Variable speed drive (VSD) retrofit pilot	<ul style="list-style-type: none"> ■ Program includes: irrigation, farm, commercial and industrial uses ■ Program cap of \$100,000 ■ Limited to two projects per Member System 	<ul style="list-style-type: none"> ■ Tri-State incentive is 50% of the VSD equipment costs ■ Member System member cap of \$20,000
Submersible irrigation pumps pilot		<ul style="list-style-type: none"> ■ Table of incentives developed for pumps from 25 to 75 hp ■ Program cap of \$50,000
LED commercial lighting pilot	<ul style="list-style-type: none"> ■ Retrofit and new construction ■ Program cap of \$50,000 ■ Limited to one project per Member System 	<ul style="list-style-type: none"> ■ Lower of: <ul style="list-style-type: none"> - 1/3 LED fixture/lamp cost or - \$80 per fixture ■ Per project cap of \$5,000
Smart Grid pilot	<ul style="list-style-type: none"> ■ Program cap of \$250,000 	<ul style="list-style-type: none"> ■ Proposal required ■ Capped at 50% of project cost
Commercial refrigeration audits	<ul style="list-style-type: none"> ■ Involves a qualified contractor to do the audit ■ Provide audits to supermarkets and other businesses using commercial refrigeration to determine the potential for energy savings 	<ul style="list-style-type: none"> ■ Tri-State will cover up to 50% of audit costs ■ Program cap of \$50,000
Industrial/agricultural audits	<ul style="list-style-type: none"> ■ Audits provided by the Industrial Audit Center at Colorado State University ■ Limited to one audit per Member System 	<ul style="list-style-type: none"> ■ Tri-State will cover up to 75% of the cost of the audit ■ Program cap of \$50,000

Additional resources

State energy efficiency Web sites:

- The Colorado Governor's Energy Office
1580 Logan St., Suite 100, Denver, CO 80203
www.colorado.gov/energy/
303-866-2100
- Energy Conservation and Management Division
1220 S. St. Francis Dr., Santa Fe, NM 87505
www.emnrd.state.nm.us/ECMD/index.htm
505-476-3310
- Nebraska Energy Office
1111 "O" St., Suite 223, Lincoln, NE 68508
www.neo.ne.gov
402-471-2867
- Wyoming Business Council
214 W. 15th St., Cheyenne, WY 82002-0240
www.wyomingbusiness.org/business/energy.aspx
307-777-2800

Energy Star Web site: www.energystar.gov/

Tri-State Energy Efficiency Products staff:

- **Eligibility and specifications:**
Keith Emerson, coordinator/energy marketing/energy services programs, 303-254-3155,
kemerson@tristategt.org
- **Rebate applications:**
Karen Green, administrative secretary, 303-254-3366,
kgreen@tristategt.org
- **EEP advertising:**
Mary Peck, communications coordinator, 303-254-3133,
mpeck@tristategt.org