

# 2022



## BENEFICIAL ELECTRIFICATION & EFFICIENCY PRODUCTS

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Since 1985, Tri-State has partnered with distribution members to promote the wise use of electricity, energy efficiency and implementation of new electric technologies. Today, Tri-State and the distribution members are moving forward to promote beneficial electrification to increase efficiency and productivity, create sustainable load growth, reduce carbon emissions, and enhance safety for Tri-State, distribution members and member consumers alike.

Product eligibility and rebate incentives are subject to change, please contact your local Cooperative or Public Power District to verify program participation before making any purchases or applying for incentives.



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PRODUCT	GENERAL SPECIFICATIONS	INCENTIVE OVERVIEW
<b>RESIDENTIAL</b>		
<b>Residential LED lamps and fixtures</b>	<ul style="list-style-type: none"> <li>LED light bulbs, lamps or fixtures 500 lumens or greater</li> <li>Medium, GU24 or other residential/light commercial oriented base or fixtures with integrated LEDs</li> </ul>	<ul style="list-style-type: none"> <li>Lower of \$8/lamp/fixture or 50% of the lamp/fixture cost</li> <li>Member-owner account cap of 50 lamps per year</li> </ul>
<b>Energy Star® appliances, induction cooktops, refrigerator/freezer and recycling</b>	<ul style="list-style-type: none"> <li>Eligible appliances include: induction cooktops, refrigerators, freezers, clothes washers, clothes dryers, and recycling</li> <li>Member-owners may recycle a maximum of 2 refrigerators/freezers per year</li> <li>All appliances except induction cooktops must be Energy Star® rated. A list of qualifying equipment is available at <a href="http://www.energystar.gov">www.energystar.gov</a></li> <li>Induction cooktops must have minimum surface width of 30 inches to qualify</li> <li>Invoice and photo of old propane/natural gas unit required</li> </ul>	<ul style="list-style-type: none"> <li>\$30/unit, full size refrigerators or freezers</li> <li>\$60/unit for refrigerator/freezer recycling</li> <li>\$40/unit for front load clothes washers</li> <li>\$30/unit for top load clothes washers</li> <li>\$30/unit for clothes dryers (electric only)</li> <li>\$90/unit for heat pump clothes dryers (vent-less)</li> <li>\$100/unit for induction cooktop replacing electric</li> <li>\$350/unit for induction cooktop replacing propane/natural gas or new construction</li> </ul>
<b>Low income weatherization</b>	<ul style="list-style-type: none"> <li>Package may include: insulation, windows/doors, caulking, sealing and weather-stripping</li> <li>If Energy Star Appliances and other eligible residential measures are included in the project, they can also be submitted on the low income weatherization application and will not count towards the weatherization incentive limits</li> </ul>	<ul style="list-style-type: none"> <li>Tri-State will reimburse local weatherization agency approved installation measures up to: <ul style="list-style-type: none"> <li>\$500 single family with electric heat source</li> <li>\$250 single family with non-electric heat source</li> </ul> </li> </ul>
<b>Smart Thermostat</b>	<ul style="list-style-type: none"> <li>Thermostat must be WiFi network capable and installed at member consumer account</li> <li>Limit of 2 thermostats per member account for standard/low-voltage applications</li> <li>Limit of 5 thermostats per member account for line-voltage applications</li> </ul>	<ul style="list-style-type: none"> <li>\$25/thermostat</li> <li>\$50/thermostat if enrolled in a managed program</li> <li>Managed programs include member system led demand response control or time of use electric rate</li> </ul>
<b>Whole house fan</b>	<ul style="list-style-type: none"> <li>Replacement or new installations</li> <li>Attic ventilation systems do not qualify</li> </ul>	<ul style="list-style-type: none"> <li>\$100/unit</li> </ul>
<b>RESIDENTIAL &amp; COMMERCIAL</b>		
<b>Electric resistance and heat-pump water heaters</b>	<ul style="list-style-type: none"> <li>30 gallon minimum size requirement</li> <li>Electric resistance units replacing propane or natural gas</li> <li>Electric resistance units in a member system managed program</li> <li>Heat-pump units must be Energy Star® rated</li> <li>Electric resistance for new construction</li> </ul>	<ul style="list-style-type: none"> <li>\$50/electric resistance unit (see qualifications in general specifications)</li> <li>Managed programs include member system led demand response control or time of use electric rate</li> <li>\$350/unit for air source heat pump units</li> <li>\$30/electric resistance for new construction</li> </ul>
<b>Electric thermal storage and slab</b>	<ul style="list-style-type: none"> <li>Minimum qualifying load for ETS is 1kW</li> </ul>	<ul style="list-style-type: none"> <li>\$16/kW for ETS units controlled by timers or master control system</li> <li>\$12/kW for thermal slabs controlled by timers or master control system</li> </ul>

PRODUCT	GENERAL SPECIFICATIONS	INCENTIVE OVERVIEW
<b>RESIDENTIAL &amp; COMMERCIAL (CONT.)</b>		
<b>Electric heat pump: Air-source</b>	<ul style="list-style-type: none"> <li>Tier 1 (Standard ASHP) required HSPF &gt; = 9.0 and SEER &gt; = 15</li> <li>Tier 2 (Cold-Climate ASHP) required HSPF &gt; = 10.0 and SEER &gt; = 16</li> <li>Incentive amount is the lower of stated rebate or 50% of equipment cost</li> </ul>	<ul style="list-style-type: none"> <li>Tier 1 \$675 &lt; = 2 tons and \$1800 &gt; 2 tons</li> <li>Tier 2 \$1000 &lt; = 2 tons and \$2400 &gt; 2 tons</li> <li>Air-to-water units will be taken on a case by case basis</li> </ul>
<b>Electric heat pump: Ground-source</b>	<ul style="list-style-type: none"> <li>New ground source heat pump systems and replacement heat pumps are eligible</li> </ul>	<ul style="list-style-type: none"> <li>\$500/ton for new installations</li> <li>\$250/ton for existing unit replacement</li> </ul>
<b>Outdoor power equipment electrification</b>	<ul style="list-style-type: none"> <li>Battery and corded electric equipment only</li> <li>Members limited to one rebate per product except e-bikes</li> <li>An aggregated maximum rebate of \$300 per member account excludes riding lawn mowers</li> </ul>	<ul style="list-style-type: none"> <li>25% of cost up to \$1000 for riding mower</li> <li>25% of cost up to \$150 for snow blowers, walk-behind mowers and e-bikes</li> <li>25% of cost up to \$100 for chainsaws</li> <li>25% of cost up to \$50 for trimmers, leaf blowers &amp; power washers</li> <li>50% cost up to \$25 for additional batteries with original purchase/application</li> </ul>
<b>Electric vehicle chargers</b>	<ul style="list-style-type: none"> <li>Member systems and member consumers are eligible for rebates</li> <li>Member systems and member consumers are required to comply with all applicable building and electric codes</li> <li>All equipment and installation costs are required to be submitted on one application</li> <li>One rebate per installed charger; multiple charge ports do not qualify for multiple rebates</li> <li>Managed charger programs include member system led demand response control or time of use electric rate</li> </ul>	<p>Level 2 (L2) – No retail sale or fee collection capability</p> <ul style="list-style-type: none"> <li>50% of total equipment and installation costs up to \$500 for non-managed chargers</li> <li>50% of total equipment and installation costs up to \$1000 for managed chargers</li> </ul> <p>DCFC and L2 – Retail sale or fee collection capable</p> <ul style="list-style-type: none"> <li>50% of total equipment and installation costs up to \$1000 for L2</li> <li>50% of total equipment and installation costs up to \$3000 for DCFC rated between 50–75 kW</li> <li>50% of total equipment and installation costs up to \$5000 for DCFC rated between 76–149 kW</li> <li>50% of total equipment and installation costs up to \$7500 for DCFC rated 150 kW &amp; above</li> </ul>
<b>COMMERCIAL</b>		
<b>Commercial LED lighting</b>	<ul style="list-style-type: none"> <li>Includes exterior wall mounted lighting, exterior pole mounted lighting, refrigerated case lighting, and interior lighting</li> <li>For both new construction and retrofits</li> <li>Design Lights Consortium certification required</li> <li>One project per category, per member-owner account per year</li> </ul>	<ul style="list-style-type: none"> <li>Pre-set incentive amount by fixture type</li> <li>Pole mounted lighting cap of \$20,000 or 25% of total LED head cost per project/account</li> <li>Refrigerated case lighting cap of \$3,000 or 50% of total LED fixture cost per project/account</li> <li>All other retrofit or new construction fixture/bulb types have a combined cap of \$20,000 or 50% of LED fixture cost</li> </ul>

PRODUCT	GENERAL SPECIFICATIONS	INCENTIVE OVERVIEW
<b>COMMERCIAL (CONT.)</b>		
<b>Commercial and industrial motors</b>	<ul style="list-style-type: none"> <li>• New or replacement electric motors from 10hp to 1,500hp</li> <li>• Commercial and industrial motors only</li> <li>• Used and rewound motors are not eligible</li> </ul>	<ul style="list-style-type: none"> <li>• \$8/hp</li> <li>• \$1.50/hp wiring assistance if the motor replaces a fossil-fueled engine, or is a new installation</li> <li>• Per project cap of \$20,000</li> </ul>
<b>Variable Speed Drive (VSD)</b>	<ul style="list-style-type: none"> <li>• Electric motor sizes 25hp and larger</li> <li>• Applies to irrigation, farm, commercial and industrial uses</li> <li>• New and retrofit installations only, no maintenance replacements</li> </ul>	<ul style="list-style-type: none"> <li>• Sliding scale from \$1,600 to \$6,800</li> <li>• Based on motor horsepower</li> <li>• Cap of 50% of the VSD equipment costs</li> <li>• Per project cap of \$20,000</li> </ul>
<b>Industrial/agricultural audits</b>	<ul style="list-style-type: none"> <li>• Applicable for process intensive industrial or agricultural operations not covered by other EEP products</li> <li>• Member-owner should have energy bills greater than \$100,000 annually and capability to implement audit recommendations</li> <li>• Tri-State reserves the right to limit participation and audit funding</li> </ul>	<ul style="list-style-type: none"> <li>• Up to 75% funding of audits for industrial and agricultural processing-focused businesses through Tri-State approved/provided auditor</li> <li>• In some cases audit funding may be available to implement audit recommendations</li> </ul>
<b>Irrigation audits</b>	<ul style="list-style-type: none"> <li>• Irrigation audits can be performed by certified energy auditors with irrigation experience, certified well or irrigation system servicers, or other knowledgeable entities</li> <li>• Irrigation audit funding is subject to action on at least one audit item, verified by member system staff</li> <li>• Actionable items may qualify for additional Tri-State BE&amp;E products</li> </ul>	<ul style="list-style-type: none"> <li>• 75% of irrigation audit costs up to \$1,000</li> </ul>

<b>PILOT PRODUCTS</b>		
<b>Fork lift electrification</b>	<ul style="list-style-type: none"> <li>• Eligible equipment includes fork lifts and electric pallet jacks</li> </ul>	<ul style="list-style-type: none"> <li>• Up to \$5,000 for electric fork lifts</li> <li>• Up to \$1,500 for electric pallet jacks</li> <li>• Project cap of \$20,000</li> </ul>

## STAKEHOLDER REFERENCES

<p><b>The Colorado Energy Office</b>  <a href="http://www.colorado.gov/energy">www.colorado.gov/energy</a>  303-866-2100</p> <p><b>Nebraska Energy Office</b>  <a href="http://www.neo.ne.gov">www.neo.ne.gov</a>  402-471-2186</p>	<p><b>New Mexico Energy Conservation and Management Division</b>  <a href="http://www.emnrd.state.nm.us/ECMD">www.emnrd.state.nm.us/ECMD</a>  505-476-3315</p> <p><b>Wyoming Business Council</b>  <a href="http://www.wyomingbusiness.org/energy">www.wyomingbusiness.org/energy</a>  307-777-2800</p>	<p><b>Energy Star®</b>  <a href="http://www.energystar.gov">www.energystar.gov</a></p> <p><b>Energy Star® Product look-up</b>  <a href="https://data.energystar.gov">https://data.energystar.gov</a></p>
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