

# Evergy Missouri Metro

EO-2023-0369

# Evergy Missouri West

EO-2023-0370

## Evergy 2023 MEEIA Cycle 4 Analysis – Appendix 8.1 Program Descriptions

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This appendix details the key elements of each program in the portfolio. The years highlighted are for the program implementation cycle of 2025-2028.

## 1.1 Residential

### 1.1.1 Whole Home Efficiency Program

Objective	The Whole Home Efficiency Program will feature point-of-purchase rebates and online discounts for energy-efficient measures, promote removing and retiring inefficient appliances, and encourage whole-home energy efficiency improvements to existing and new homes by promoting comprehensive retrofit and new construction services.
Target Market	All residential customers, <sup>1</sup> manufacturers, local retailers, home builders/developers, HVAC distributors and contractors, and energy raters.
Description	<p>The Whole Home Efficiency Program will consist of five components.</p> <ul style="list-style-type: none"> <li>• <b>Home Products</b> provides customers with an instant incentive for the purchase of qualified high-efficiency products – either through an online marketplace or a retail brick-and-mortar store. Incentives will vary depending upon the measure.</li> <li>• <b>Appliance Recycling</b> will consist of events in which residential customers may turn in their old inefficient appliances, such as refrigerators, freezers, room air conditioners, and dehumidifiers, to dispose of them in an environmentally safe and responsible manner.</li> <li>• <b>Home Comfort</b> will consist of two primary offerings:             <ul style="list-style-type: none"> <li>○ <i>Insulation and Air Sealing Rebates</i> will provide incentives for installing home envelope and weatherization measures, such as insulation and air sealing. Participants must receive an energy audit by an authorized trade ally and a blower door test.</li> <li>○ <i>HVAC Rebates</i> will provide equipment rebates for qualifying HVAC equipment, heat pump water heaters, duct efficiency improvements, and HVAC tune-ups performed by an authorized trade ally.</li> </ul> </li> <li>• <b>Single Family New Construction</b> encourages single-family builders to build homes more energy efficiently by offering rebates to offset the cost difference between an inefficient and an efficient home.</li> <li>• <b>Multi-Family New Construction</b> encourages multi-family builders to build buildings more energy efficiently by offering rebates to offset the cost difference between an inefficient and an efficient building.</li> </ul>
Implementation	<p><b>Home Products</b></p> <p>Evergy will engage a third-party implementation contractor to perform several duties. The duties will vary based on whether the program is implemented through an online marketplace or brick-and-mortar store.</p> <ul style="list-style-type: none"> <li>• Establish and maintain relationships with manufacturers and detailers.</li> <li>• Provide in-store promotional materials and retail sales staff training.</li> <li>• Maintain a comprehensive online marketplace including energy-efficient equipment and appliances, where customers can browse and purchase qualifying measures.</li> <li>• Provide support for customer website troubleshooting.</li> <li>• Track program performance, including tracking sales data, reviewing sales data for accuracy, and paying retailers.</li> </ul>

<sup>1</sup> Customers that do not qualify for the Hard-to-Reach Homes.

- Periodically report progress towards program goals and opportunities for improvement.
- Upstream programs simplify the participation process, eliminating the need for customers to complete and submit a rebate application. However, upstream programs typically have higher free ridership and leakage outside the service territory. Several steps will be taken to reduce free ridership and leakage while increasing spillover, including:
- Evergy will work with the implementation contractor to select retailers located well within the service territory to reduce leakage.
  - Higher-priced items with higher incentives will have a post-purchase application verification process through an online application.
  - Incentives will be modified as needed to respond to the market price of the qualifying measure, with the goal of the incentive being 50% of the incremental cost.
  - Increase spillover by cross-marketing Evergy's other Residential DSM Programs.

**Appliance Recycling**

- Evergy will engage a third party implementation contractor to:
- Schedule recycling events, verify customer eligibility and appliance qualification, and recycle / responsibly dispose of appliances.
  - Process customer rebates.
  - Track program performance.
  - Periodically report progress towards program goals and opportunities for improvement.

Actual energy and demand savings could be lowered if a customer recycles a secondary appliance and begins utilizing their former primary unit as a secondary unit. Evergy will utilize customer education to minimize the impact.

**Home Comfort**

Evergy plans to continue delivering the insulation and air sealing offering with the local gas utility, where service jurisdictions overlap and shared cost benefits exist. Due to the unpredictable and changing nature of the marketplace, Evergy and its contractor will maintain flexibility. Various market factors—including new codes and standards, energy legislation, and consumer value shifts—will affect the measure mix and program delivery strategy.

- Evergy will engage a third party implementation contractor to:
- Provide customer service support.
  - Establish relationships with local distributors and contractors/trade allies.
  - Process rebate applications—verify customer eligibility, review applications, and pay customer rebates.
  - Track performance and perform quality assurance/quality control (QA/QC).
  - Periodically report progress towards program goals and opportunities for improvement.

It is crucial that the measures are properly installed and customer satisfaction is high. The implementation contractor will conduct QA/QC of a random group of completed projects by project type and contractor. The QA/QC process will include verifying the installed equipment and customer satisfaction.

Incentives will be modified as needed to respond to market prices, with the goal of the incentive being approximately 50% of the incremental cost. Proper incentives can reduce free ridership while encouraging customers to participate in the program.

	<p><b>Single Family and Multi-Family New Construction</b></p> <p>Energy will engage a third-party implementation contractor(s) to:</p> <ul style="list-style-type: none"> <li>Engage and establish relationships with builders, developers, and energy raters.</li> <li>Provide customer service support.</li> <li>Process rebate applications, including application review and verification and rebate payment.</li> <li>Track program performance and perform QA/QC.</li> <li>Periodically report program progress.</li> </ul> <p>A key barrier for many new construction programs is the administrative burden to locate raters and receive a HERS rating. To reduce this barrier, a HERS rating will not be required. Instead, the implementation contractor will work with interested customers to ensure they select the right products for their new construction home.</p> <p>It is important that the measures are properly installed and customer satisfaction is high. Energy and/or the implementation contractor should conduct QA/QC of a random group of completed projects. The QA/QC process should include application reviews and random site visits to verify the installed equipment and customer satisfaction.</p>																																										
<p>Eligible Measures</p>	<p>Eligible measures that may be included are presented by component below. Further measure information is included in Workpapers.<sup>2</sup></p> <p><b>Home Products</b></p> <table border="1" data-bbox="444 919 1305 1260"> <tr><td>Dehumidifiers</td><td>Thermostatic Shower Restriction Valves</td></tr> <tr><td>Room Air Purifiers</td><td>ENERGYSTAR Refrigerators</td></tr> <tr><td>Smart Power Strips</td><td>ENERGYSTAR Freezers</td></tr> <tr><td>Smart Thermostats</td><td>ENERGYSTAR Pool Pumps</td></tr> <tr><td>LED String Lights</td><td>ENERGYSTAR VFDs on Swimming Pools</td></tr> <tr><td>Linear Lighting</td><td>Room AC Units</td></tr> <tr><td>Pipe Insulation</td><td>Door Sweeps</td></tr> <tr><td>Low Flow Showerheads</td><td>LED Nightlights</td></tr> <tr><td>Low Flow Faucet Aerators</td><td></td></tr> </table> <p><b>Appliance Recycling</b></p> <table border="1" data-bbox="433 1318 984 1394"> <tr><td>Refrigerator</td><td>Room Air Conditioner</td></tr> <tr><td>Freezer</td><td>Dehumidifier</td></tr> </table> <p><b>Home Comfort</b></p> <table border="1" data-bbox="433 1453 1378 1822"> <thead> <tr> <th>Insulation &amp; Air Sealing Measures</th> <th>HVAC Measures</th> </tr> </thead> <tbody> <tr><td>Air Sealing</td><td>Air Source Heat Pump</td></tr> <tr><td>Basement Sidewall Insulation</td><td>Central Air Conditioner</td></tr> <tr><td>Ceiling Insulation</td><td>Central Heat Pump Controls</td></tr> <tr><td>Duct Repair and Sealing</td><td>Ductless Mini-Split</td></tr> <tr><td>Duct Repair and Aerosol Sealing</td><td>Geothermal Heat Pump</td></tr> <tr><td>Duct Insulation</td><td>Room Air Conditioner</td></tr> <tr><td>Floor Insulation</td><td>Water Heater Drain Water Heat Recovery</td></tr> <tr><td>Liquid-Applied Weather-Resistive Barrier</td><td>Heat Pump Water Heater</td></tr> <tr><td>Pipe Insulation</td><td></td></tr> </tbody> </table>	Dehumidifiers	Thermostatic Shower Restriction Valves	Room Air Purifiers	ENERGYSTAR Refrigerators	Smart Power Strips	ENERGYSTAR Freezers	Smart Thermostats	ENERGYSTAR Pool Pumps	LED String Lights	ENERGYSTAR VFDs on Swimming Pools	Linear Lighting	Room AC Units	Pipe Insulation	Door Sweeps	Low Flow Showerheads	LED Nightlights	Low Flow Faucet Aerators		Refrigerator	Room Air Conditioner	Freezer	Dehumidifier	Insulation & Air Sealing Measures	HVAC Measures	Air Sealing	Air Source Heat Pump	Basement Sidewall Insulation	Central Air Conditioner	Ceiling Insulation	Central Heat Pump Controls	Duct Repair and Sealing	Ductless Mini-Split	Duct Repair and Aerosol Sealing	Geothermal Heat Pump	Duct Insulation	Room Air Conditioner	Floor Insulation	Water Heater Drain Water Heat Recovery	Liquid-Applied Weather-Resistive Barrier	Heat Pump Water Heater	Pipe Insulation	
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<sup>2</sup> MEEIA4 DSMore Batch Tool\_EMW\_04162024.xlsb and MEEIA4 DSMore Batch Tool\_EMM\_04162024.xlsb

	Radiant Barrier Insulation					
	<b>Single Family and Multi -Family New Construction</b>					
	<b>Measure</b>					
	Air Sealing					
	Air Source Heat Pump					
	Basement Sidewall Insulation					
	Central Air Conditioner					
	Ceiling Insulation					
	Clothes Washers					
	Dehumidifiers					
	Ducting Insulation					
	Ductless Mini-Split					
	Floor Insulation					
	Ground Source Heat Pump					
	Heat Pump Water Heater					
Lighting Controls						
Radon Fans						
Room Air Purifier						
Smart Thermostat						
Estimated Savings	<b>Net MWh Savings</b>					
	<b>Territory</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>4 Year Total</b>
	<b>Metro</b>	6,435	7,064	7,517	7,224	28,241
	<b>West</b>	8,386	9,512	10,142	10,101	38,141
	<b>Total</b>	<b>14,821</b>	<b>16,576</b>	<b>17,659</b>	<b>17,325</b>	<b>66,382</b>
	<b>Net MW Savings</b>					
	<b>Territory</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>4 Year Total</b>
	<b>Metro</b>	2.6	3.1	3.1	3.2	12.1
	<b>West</b>	3.4	3.9	4.2	4.4	15.9
	<b>Total</b>	<b>6.0</b>	<b>7.0</b>	<b>7.3</b>	<b>7.6</b>	<b>27.9</b>

Estimated Budget	<b>Metro:</b>					
	<b>Budget Category</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>4 Year Total</b>
	Incentives	\$2,676,655	\$2,856,331	\$3,092,457	\$2,888,579	\$11,514,022
	Delivery	\$623,544	\$728,508	\$744,253	\$762,621	\$2,858,926
	Administration	\$387,097	\$419,596	\$449,572	\$427,021	\$1,683,287
	Evaluation	\$179,968	\$188,053	\$206,000	\$188,589	\$762,610
	<b>Total</b>	<b>\$3,867,264</b>	<b>\$4,192,489</b>	<b>\$4,492,283</b>	<b>\$4,266,810</b>	<b>\$16,818,846</b>
	<b>West:</b>					
	<b>Budget Category</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>4 Year Total</b>
	Incentives	\$3,213,814	\$3,598,957	\$3,852,398	\$3,731,898	\$14,397,067
Delivery	\$686,646	\$794,444	\$839,833	\$878,130	\$3,199,053	
Administration	\$392,168	\$438,952	\$469,604	\$455,346	\$1,756,071	
Evaluation	\$173,848	\$190,873	\$205,344	\$190,806	\$760,871	
<b>Total</b>	<b>\$4,466,476</b>	<b>\$5,023,227</b>	<b>\$5,367,179</b>	<b>\$5,256,180</b>	<b>\$20,113,062</b>	
Cost-Effectiveness	<b>Metro:</b>					
	<b>C/E Test</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>4 Year Total</b>
	TRC	1.46	1.64	1.44	1.36	1.47
	UCT	1.41	1.59	1.39	1.32	1.43
	PCT	3.11	3.11	3.11	3.11	3.11
	RIM	0.52	0.59	0.51	0.49	0.53
	SCT	1.73	1.92	1.71	1.65	1.75
	<b>West:</b>					
	<b>C/E Test</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>4 Year Total</b>
	TRC	1.69	1.84	1.66	1.56	1.69
UCT	1.56	1.69	1.53	1.44	1.55	
PCT	3.10	3.11	3.10	3.12	3.11	
RIM	0.60	0.65	0.58	0.55	0.59	
SCT	2.00	2.14	1.96	1.88	1.99	

### 1.1.2 Home Energy Education Program

Objective	The Home Energy Education Program will provide various channels of engagement to educate and influence how homes use energy and increase awareness of how to use less energy while cutting energy bills and reducing pollution.
Target Market	All residential customers, <sup>3</sup> home builders/developers, realtors, multi-family building designers and engineers, local HVAC distributors and contractors, and energy raters.
Description	<p>The Home Energy Education Program includes three components:</p> <ul style="list-style-type: none"> <li>• <b>Building Codes Training</b> will utilize a building codes professional to provide current building code requirement training to our local builder network. This will be especially important as we establish building code levels as the baseline for the greater efficiencies of our new construction program, to ensure proper building standards are being met with increased levels of efficiency and going above code.</li> <li>• <b>Market Influencer Training &amp; Outreach</b> will increase awareness of the advantages of energy efficiency and Evergy's rebates for new construction, rehab, and retrofit projects. Market influencers may include multi-family building designers and engineering agencies, home builders/developers, realtors, and local distributors and contractors that sell the equipment and install the equipment in customer homes.</li> <li>• <b>Customer Education</b> will be deployed to increase awareness of the benefits of energy efficiency and the resources, measures, and tools available to help customers begin or continue their energy efficiency journey. Through this educational communication, Evergy would speak to a variety of customer demographics with messaging and offerings that meet them where they are on their path to becoming more energy efficient. Outreach will heavily emphasize promoting our digital tools, which often serve as an entry point for customers to find energy efficiency tips tailored to their lifestyle and home profile.             <ul style="list-style-type: none"> <li>○ Home Products will have an educational component for retailer sales staff and include Point-of-Purchase materials (hang tags, posters).</li> <li>○ Appliance Recycling will have an educational component informing customers about the benefits of recycling their inefficient appliances and environmentally responsible disposal.</li> <li>○ Home Comfort will have an educational component informing customers about the benefits of improved insulation, air sealing, and HVAC efficiency.</li> <li>○ Single Family and Multi-Family New Construction will include partnerships with builders, developers, and raters. Partnerships will be developed via education and training seminars, presentations at Home Builder Association meetings, and other informational events.</li> </ul> </li> </ul> <p>The components will be cross-marketed with Evergy's other Residential DSM programs to increase awareness of DSM rebates.</p>
Implementation	<p><b>Building Codes Training</b></p> <p>Evergy will engage a third-party contractor to provide current building code requirement training to our local builder network.</p> <p><b>Market Influencer Training &amp; Outreach</b></p> <p>Evergy will engage a third-party contractor, and support with internal Evergy staff, to provide outreach to increase awareness of the advantages of energy efficiency and our rebates offered for new construction, rehab, and retrofit projects.</p>

<sup>3</sup> Customers that do not qualify for the Hard-to-Reach Homes.



	<p><b>Customer Education</b></p> <p>Evergy will lead the efforts to promote the program components to customers and contractors.</p>																																																																								
<p>Eligible Measures</p>	<p>There are no eligible measures associated with the program.</p>																																																																								
<p>Estimated Budget</p>	<p><b>Metro:</b></p> <table border="1" data-bbox="431 478 1414 705"> <thead> <tr> <th>Budget Category</th> <th>2025</th> <th>2026</th> <th>2027</th> <th>2028</th> <th>4 Year Total</th> </tr> </thead> <tbody> <tr> <td>Incentives</td> <td>\$307,500</td> <td>\$307,500</td> <td>\$307,500</td> <td>\$307,500</td> <td>\$1,230,000</td> </tr> <tr> <td>Delivery</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> </tr> <tr> <td>Administration</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> </tr> <tr> <td>Evaluation</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> </tr> <tr> <td><i>Total</i></td> <td><i>\$307,500</i></td> <td><i>\$307,500</i></td> <td><i>\$307,500</i></td> <td><i>\$307,500</i></td> <td><i>\$1,230,000</i></td> </tr> </tbody> </table> <p><b>West:</b></p> <table border="1" data-bbox="431 791 1424 1018"> <thead> <tr> <th>Budget Category</th> <th>2025</th> <th>2026</th> <th>2027</th> <th>2028</th> <th>4 Year Total</th> </tr> </thead> <tbody> <tr> <td>Incentives</td> <td>\$307,500</td> <td>\$307,500</td> <td>\$307,500</td> <td>\$307,500</td> <td>\$1,230,000</td> </tr> <tr> <td>Delivery</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> </tr> <tr> <td>Administration</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> </tr> <tr> <td>Evaluation</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> </tr> <tr> <td><i>Total</i></td> <td><i>\$307,500</i></td> <td><i>\$307,500</i></td> <td><i>\$307,500</i></td> <td><i>\$307,500</i></td> <td><i>\$1,230,000</i></td> </tr> </tbody> </table>	Budget Category	2025	2026	2027	2028	4 Year Total	Incentives	\$307,500	\$307,500	\$307,500	\$307,500	\$1,230,000	Delivery	\$0	\$0	\$0	\$0	\$0	Administration	\$0	\$0	\$0	\$0	\$0	Evaluation	\$0	\$0	\$0	\$0	\$0	<i>Total</i>	<i>\$307,500</i>	<i>\$307,500</i>	<i>\$307,500</i>	<i>\$307,500</i>	<i>\$1,230,000</i>	Budget Category	2025	2026	2027	2028	4 Year Total	Incentives	\$307,500	\$307,500	\$307,500	\$307,500	\$1,230,000	Delivery	\$0	\$0	\$0	\$0	\$0	Administration	\$0	\$0	\$0	\$0	\$0	Evaluation	\$0	\$0	\$0	\$0	\$0	<i>Total</i>	<i>\$307,500</i>	<i>\$307,500</i>	<i>\$307,500</i>	<i>\$307,500</i>	<i>\$1,230,000</i>
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## 1.2 Hard-to-Reach Homes

### 1.2.1 Income-Eligible Program

Objective	The Income-Eligible Program will deliver long-term energy savings and bill reductions to income-eligible customers through home retrofits and encourage energy efficiency achievements in the new construction of low-income homes.
Target Market	<p>Income-eligible residential homeowners and renters that reside in single-family and multi-family housing, manufacturers, realtors, home builders/developers, and energy raters. Multi-family housing is three (3) or more units, and single-family is two (2) or fewer units. Low-income customers are 200% or below the Federal poverty level, and moderate-income customers are between 201% and 300% of the Federal poverty level. Eligibility may be based on the following:</p> <ul style="list-style-type: none"> <li>• Multi-Family &amp; Single Family: <ul style="list-style-type: none"> <li>○ Reside in federal, state, or local subsidized housing and meet those program income guidelines.</li> <li>○ Reside in non-subsidized housing and provide proof of income level.</li> <li>○ Reside within a census tract at or below the required income level.</li> <li>○ Have participated in other programs that require the same or lesser income levels, such as LIHEAP.</li> </ul> </li> <li>• Multi-Family: tenant income information or rent roll documentation, where at least 50% of units have rents affordable to households at 200% FPL or ≤80% AML.</li> </ul>
Description	<p>The Income-Eligible Program will consist of seven components.</p> <ul style="list-style-type: none"> <li>• <b>Low Income Single Family</b> promotes efficiency improvements to housing for low-income single-family customers. Eergy will work with Missouri community action agencies' deferred customers to remove barriers to proceed through the standard Weatherization Assistance Program for home efficiency improvements. The barriers vary by home but may include foundation issues, roof repairs, mold mitigation, etc. Eergy will also offer a neighborhood-based support approach, offering the Energy Savings Kit and Assessment (more below) along with other upgrades to improve home efficiency, which may also include home repairs to move forward with energy efficiency upgrades.</li> <li>• <b>Low Income Multi -Family</b> provides whole building analysis, recommendations for improvements with technical and process assistance, and incentives for upgrades. Projects include both in-unit and common area improvements. <ul style="list-style-type: none"> <li>○ <i>In-Unit Upgrades.</i> Residents in qualifying multi-family housing will receive direct installation of low-cost measures at no cost. The measures may include: low-flow faucet aerators, low-flow showerheads, LEDs, advanced power strips, and hot water pipe insulation. Rebates for in-unit upgrades will also be available.</li> <li>○ <i>Multi-Family Common Areas</i> Prescriptive and custom rebates will be available for qualifying upgrades.</li> </ul> </li> <li>• <b>Moderate Income Single Family</b> promotes efficiency improvements to housing for moderate-income single-family customers.<sup>4</sup> Customers are eligible for enhanced rebates<sup>5</sup> and on-bill financing provided by Eergy to cover the cost of equipment and installation after the enhanced rebates have been applied. Financing promotes affordability and accessibility to energy-efficient upgrades to this customer segment.</li> </ul>

<sup>4</sup> Defined as households between 201% and 300% of the Federal poverty level.

<sup>5</sup> Enhanced Home Comfort rebates.

	<p>Program requirements are similar to the Whole Home Efficiency Program's Home Comfort component. Customers must receive an energy audit by an authorized trade ally, including a recommended scope of work and project quotes. A blower test must be performed for air sealing and insulation projects.</p> <ul style="list-style-type: none"> <li>o <i>On-Bill Financing</i>. Each customer project will be analyzed to determine a financing amount that is cost-effective (results in a net positive bill impact). The financing offer will be reviewed and accepted by the customer or landlord. If accepted, the upgrades will be made with the financed amount remaining at the premise where the energy savings will be realized, with the option to pay off early with no penalty.</li> <li>• <b>Energy Savings Kits &amp; Assessments</b> will be available to income-eligible customers. These customers can receive a no-cost home energy assessment, direct installation of energy savings measures, and a personalized recommendation report. The measures may include window weatherstripping, smart power strips, door draft stoppers, and faucet aerators. A virtual assessment option will be available.             <ul style="list-style-type: none"> <li>o School kits, along with educational curriculum, will be distributed at schools located in low-income areas.</li> </ul> </li> <li>• <b>Enhanced Home Products</b> allows income-eligible customers to receive free qualified high-efficiency products through a tailored online hub.</li> <li>• <b>Income Eligible Single Family New Construction</b> encourages low income single family builders to build more energy-efficient homes. Customers and/or builders will develop a customized new construction package by selecting any combination of eligible measures. Evergy will cover approximately 100% of the incremental cost of the measures. Single family customers must select an eligible high-efficiency HVAC unit and building shell measure to qualify for the incentive.</li> <li>• <b>Income Eligible Multi -Family New Construction</b> encourages low income multi family builders to build buildings more energy efficiently by offering rebates to offset the cost difference between an inefficient and an efficient building.</li> </ul> <p>Where possible, Evergy will seek to partner with the natural gas company for co-delivery.</p>
<p>Implementation</p>	<p><b>Low Income Single &amp; Multi -Family and Moderate Income Single Family</b></p> <p>Evergy will engage a third-party implementation contractor to:</p> <ul style="list-style-type: none"> <li>• Identify and establish relationships with homeowners and multi-family building owners with income-eligible residents.</li> <li>• Engage customers and schedule appointments.</li> <li>• Track program performance and perform QA/QC.</li> <li>• Periodically report progress toward program goals.</li> </ul> <p>The implementation contractor framework could include providing owners of single family and multi-family buildings with a single point of contact or Coordinator. The Coordinator's duties could include:</p> <ul style="list-style-type: none"> <li>• Determining eligibility and ensuring eligible customers are aware of the available incentives from all utilities.</li> <li>• Assisting in the application process, for Evergy-only or joint utility projects.</li> <li>• Providing a seamless point of contact for navigating the various incentive offers provided by the Company and other utilities.</li> <li>• Maintaining a relationship with the trade ally network and providing information and guidance to assist them with the bid process for installation work.</li> <li>• Understanding and maintaining a network of assistance agencies, making referrals for financing and repairs, and seeking to remove barriers to participation.</li> </ul>

- Providing case studies and education, and working with business development teams to ensure proper outreach is occurring.
- Coordinating marketing materials to provide an easy to understand process for participation.

It is crucial that the measures are properly installed and customer satisfaction is high. Evergy and/or the implementation contractor should conduct QA/QC of a random group of completed projects. The QA/QC process should include verifying the installed equipment and customer satisfaction.

**Enhanced Home Products and Energy Savings Kits & Assessments**

Evergy will engage third-party implementation contractors to perform several duties, including but not limited to:

- Organize and execute giveaway events for low income customers to distribute free energy efficiency measures.
- Maintain a comprehensive online Offer Center to provide energy efficient items at no cost to targeted low income customers.
- Provide support for customer website troubleshooting.
- Establish and maintain relationships with schools in low income areas within the service territory and distribute free schoolkits and educational materials.
- Establish and maintain relationships with manufacturers.
- Schedule and conduct energy assessments and create customized reports with personalized recommendations and crosspromotion of other available programs.
- Perform direct install of new energy efficient items.
- Track program performance.
- Periodically report progress towards program goals and opportunities for improvement.

**Income Eligible Single Family and Multi-Family New Construction**

Evergy will engage third-party implementation contractor to:

- Engage and establish relationships with builders, developers, and.
- Provide customer service support.
- Process rebate applications, including application review and verification and rebate payment.
- Track program performance and perform QA/QC.
- Periodically report program progress.

A key barrier for many new construction programs is the administrative burden to locate raters and receive HERs rating. To reduce this barrier, a HERS rating will not be required. Instead, the implementation contractor will work with interested customers to ensure they select the right products for their new home.

It is crucial that the measures are properly installed and customer satisfaction is high. Evergy and/or the implementation contractor should conduct QA/QC of a random group of completed projects by project type and contractor. The QA/QC process should include verifying the installed equipment and customer satisfaction.

Incentives will be modified as needed to respond to market prices with the goal of the incentives being approximately 100% of the incremental cost. Proper incentives can reduce free ridership while encouraging our customers to participate.

	Energy will utilize data analytics and internal data billing information to assess the expected and actual effect of the program on these customers ability to pay their bills and avoid disconnections.																																									
Eligible Measures	Eligible measures that may be included are presented by component below. Further measure information is included in Workpapers. <sup>6</sup>																																									
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<sup>6</sup>MEEIA4 DSMore Batch Tool\_EMW\_04162024.xlsb and MEEIA4 DSMore Batch Tool\_EMM\_04162024.xlsb

Air Sealing	LED Nightlights
Air Source Heat Pump	Linear Lighting
ASHP Dual-Speed Compressor	Low Flow Faucet Aerator
ASHP Variable-Speed Compressor	Low Flow Showerhead
Basement Sidewall Insulation	Mini-split Air Conditioner
CAC Dual-Speed Compressor	Outdoor Coil Cleaning
CAC Variable-Speed Compressor	Pipe Insulated
Ceiling Insulation	Radiant Barrier Insulation
Central Air Conditioner	Refrigerant Charge Adjustment
Drainwater Heat Recovery	Room AC
Duct Repair and Sealing	Room Air Purifiers
ENERGYSTAR Clothes Washers	Screw In - LEDs
ENERGYSTAR Dehumidifier	Screw In - Specialty LEDs
ENERGYSTAR Dishwasher	Smart Power Strip
ENERGYSTAR Electric Clothes Dryers	Smart Thermostat
ENERGYSTAR Refrigerators	Thermostatic Shower Restriction Valve
Floor Installation Insulation	Water Heater (> 55 Gal)
Ground Source Heat Pump	Heat Pump Water Heater

**Energy Savings Kits & Assessments**

Measures
Weatherization Kit
School Kit

**Enhanced Home Products**

Measures	
Dehumidifiers	Residential Washing Machines
ENERGY STAR Dishwasher	Room AC Heat Pump
ENERGY STAR Refrigerators	Room Air Purifiers
Low Flow Faucet Aerators	Shower Start
Low Flow Showerheads	Smart Power Strips
Residential Dryers	LED String Lights

**Income Eligible Single Family and Multi -Family New Construction**

Measure	
Dehumidifiers	Heat Pump Water Heater
Room Air Purifier	Water Heater (>55 Gallons)
Clothes Washers	Air Sealing
Central Air Conditioner	Ceiling Insulation
Air Source Heat Pump	Ducting Insulation
Smart Thermostat	Floor Insulation

Estimated Savings	<table border="1"> <thead> <tr> <th rowspan="2">Territory</th> <th colspan="4">Net MWh Savings</th> <th rowspan="2">4 Year Total</th> </tr> <tr> <th>2025</th> <th>2026</th> <th>2027</th> <th>2028</th> </tr> </thead> <tbody> <tr> <td><b>Metro</b></td> <td>4,785</td> <td>5,617</td> <td>5,742</td> <td>5,888</td> <td>22,033</td> </tr> <tr> <td><b>West</b></td> <td>3,412</td> <td>3,964</td> <td>4,197</td> <td>4,393</td> <td>15,966</td> </tr> <tr> <td><b>Total</b></td> <td><b>8,198</b></td> <td><b>9,582</b></td> <td><b>9,939</b></td> <td><b>10,280</b></td> <td><b>37,998</b></td> </tr> </tbody> </table>					Territory	Net MWh Savings				4 Year Total	2025	2026	2027	2028	<b>Metro</b>	4,785	5,617	5,742	5,888	22,033	<b>West</b>	3,412	3,964	4,197	4,393	15,966	<b>Total</b>	<b>8,198</b>	<b>9,582</b>	<b>9,939</b>	<b>10,280</b>	<b>37,998</b>								
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### 1.2.2 Hard-to-Reach Homes Energy Education Program

Objective	The Hard-to-Reach Homes Energy Education Program will provide various channels of engagement to educate and influence how homes use energy and increase awareness of how to use less energy while cutting energy bills and reducing pollution.
Target Market	All eligible customers, home builders/developers, realtors, multi-family building designers/engineers, property managers, landlords, community partners that support these customers, local HVAC distributors and contractors, and raters.
Description	<p>The Hard-to-Reach Homes Education Program includes three components:</p> <ul style="list-style-type: none"> <li>• <b>KC-LILAC</b>(Kansas City–Low Income Leadership Assistance Collaborative) is designed to bring together local support resources, agencies, associations, corporations, etc., to offer the best and most comprehensive services and support to our area’s lowincome customers. The premise is to provide support in three primary areas; energy efficiency, healthy homes, and structural repairs/integrity.</li> <li>• <b>Market Influencer Training &amp; Outreach</b> will increase awareness of the advantages of energy efficiency and Evergy's rebates for new construction, rehab, and retrofit projects. Market influencers may include multifamily building designers and engineering agencies, home builders/developers, realtors, and local distributors and contractors that sell and install the equipment in customers' homes.</li> <li>• <b>Customer Education</b> will be deployed to promote the program components to customers and contractors. Through this educational communication, Evergy would speak to a variety of customer demographics with messaging and offerings that meet them where they are on their path to becoming more energy efficient. Outreach will heavily emphasize promoting our digital tools, which often serve as an entry point for customers to find energy efficiency tips tailored to their lifestyle and home profile.             <ul style="list-style-type: none"> <li>○ Low Income Single-Family will have an educational component to help customers understand the value of energy efficiency and the program's ability to fix home issues to move forward with energy efficiency upgrades.</li> <li>○ Low Income Multi-Family will have an educational component for property management and owners.</li> <li>○ Moderate Income Single Family will require contractor and customer education on energy efficiency and the value of financing through the utility.</li> <li>○ Energy Savings Kits &amp; Assessments will have an educational component to help customers understand the value of having an energy efficiency professional assess an existing home's efficiency conditions and offer recommendations for improvements with a leave-behind educational report of findings and programs available to support the upgrade.</li> <li>○ Enhanced Home Products will have an educational component on the online hub.</li> <li>○ Low Income Single-Family and Multi-Family New Construction will include partnerships with builders, developers, and raters. Partnerships will be created via education, training seminars, and other informational events as appropriate.</li> </ul> </li> </ul> <p>The components will be cross-marketed with Evergy's other Residential DSM programs to increase awareness of DSM rebates.</p>



Implementation	<p><b>KC-LILAC</b></p> <ul style="list-style-type: none"> <li>• Evergy will support KC-LILAC local resources, agencies, associations, corporations, etc., to offer the best and most comprehensive services to our area's low-income customers. The premise is to provide support in three primary areas; energy efficiency, healthy homes, and structural repairs/integrity.</li> </ul> <p><b>Market Influencer Training &amp; Outreach</b></p> <p>Evergy will engage a third-party contractor, and support with internal Evergy staff, to provide outreach to increase awareness of the advantages of energy efficiency and our rebates offered for new construction, rehab, and retrofit projects.</p> <p><b>Customer Education</b></p> <p>Evergy will lead the efforts to promote the program components to customers and contractors.</p>																																																																								
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## 1.3 Urban Heat Island (UHI) Mitigation

### 1.3.1 UHI Mitigation Program

Objective	The UHI Mitigation Program will drive energy use reduction and mitigate the urban heat island effect in Kansas City						
Target Market	Available to private and municipal landowners with property in the KC Independence Ave Corridor with possible expansion to other KC metro areas.						
Description	The UHI Mitigation Program will engage the local community, local government, and local contractors to adopt measures that cool the local environment by offering UHI mitigation measures and education materials. Evergy and its partners will engage with neighborhood leaders and residents about program design elements and subsequent implementation and evaluation/impact strategies.						
Implementation	<p>Evergy will engage internal resources along with third-party partners and implementation contractors to:</p> <ul style="list-style-type: none"> <li>• Engage with the targeted communities.</li> <li>• Leverage other programs to perform energy assessments and direct installation of instant energy savings measures; provide a personalized report for best next steps related to in-home and in-business energy efficiency improvement opportunities, along with details about UHI.</li> <li>• Plant trees and manage the distribution of trees.</li> <li>• Manage tree maintenance and watering services for designated trees.</li> <li>• Install other UHI mitigation measures, such as cool roofs and reflective paints.</li> <li>• Verify customer eligibility and review applications.</li> <li>• Provide customer service support.</li> <li>• Track program performance and conduct QAQC.</li> <li>• Periodically report progress towards program goals and opportunities for improvement.</li> </ul> <p>Evergy will work with the partners and implementation contractors to market the program to customers and contractors. Marketing efforts may include, but not be limited to, bill inserts, newspaper advertisements, email blasts, trade publications, and internet placement.</p>						
Eligible Measures	<p>Eligible measures that may be included are presented in the table below. Further measure information is included in Workpapers.<sup>7</sup></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #0070C0; color: white;"> <th>Measure</th> </tr> </thead> <tbody> <tr> <td>Commercial Advanced Cool Roof/Green Roof</td> </tr> <tr> <td>Commercial Cool Roof</td> </tr> <tr> <td>Residential Advanced Cool Roof/Green Roof</td> </tr> <tr> <td>Residential Cool Roof</td> </tr> <tr> <td>Shade Tree</td> </tr> </tbody> </table>	Measure	Commercial Advanced Cool Roof/Green Roof	Commercial Cool Roof	Residential Advanced Cool Roof/Green Roof	Residential Cool Roof	Shade Tree
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<sup>7</sup>MEEIA4 DSMore Batch Tool\_EMW\_04162024.xlsb and MEEIA4 DSMore Batch Tool\_EMM\_04162024.xlsb

Estimated Savings	<b>Net MWh Savings</b>					
	<b>Territory</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>4 Year Total</b>
	<b>Metro</b>	11	28	16	9	64
Estimated Budget	<b>Net MW Savings</b>					
	<b>Territory</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>4 Year Total</b>
	<b>Metro</b>	0.002	0.005	0.003	0.002	0.012
Estimated Budget	<b>Metro:</b>					
	<b>Budget Category</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>4 Year Total</b>
	<b>Incentives</b>	\$228,000	\$704,000	\$625,250	\$507,750	\$2,065,000
	<b>Delivery</b>	\$212,580	\$226,330	\$172,330	\$149,330	\$760,570
	<b>Administration</b>	\$50,000	\$50,000	\$50,000	\$50,000	\$200,000
	<b>Evaluation</b>	\$10,000	\$10,000	\$10,000	\$10,000	\$40,000
<b>Total</b>	<b>\$500,580</b>	<b>\$990,330</b>	<b>\$857,580</b>	<b>\$717,080</b>	<b>\$3,065,570</b>	
Cost-Effectiveness	<b>Metro:</b>					
	<b>C/E Test</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>4 Year Total</b>
	<b>TRC</b>	0.01	0.03	0.02	0.01	0.02
	<b>UCT</b>	0.01	0.01	0.01	0.00	0.01
	<b>PCT</b>	6.99	8.40	13.55	19.17	10.91
	<b>SCT</b>	0.01	0.03	0.02	0.01	0.02

## 1.4 Business

### 1.4.1 Whole Business Efficiency Program

Objective	The Whole Business Efficiency Program promotes strong businesses and economic development by improving operational efficiency and new construction practices with equipment rebates on diverse measures.
Target Market	All commercial and industrial customers
Description	<p>The Whole Business Efficiency Program helps commercial and industrial customers save energy through a broad range of energy efficiency options that address all major end uses and processes. The program will consist of five components.</p> <ul style="list-style-type: none"> <li>• <b>Business Comfort</b> includes rebates for heating, ventilation, and air conditioning measures, HVAC maintenance, insulation, and air sealing improvements. Insulation and air sealing upgrades require a blower door test.</li> <li>• <b>Business Products</b> include rebates for efficient lighting, smart thermostats, control equipment, and other products.</li> <li>• <b>Business Operational</b> offers rebates for upgrades, such as refrigeration, food service equipment, ventilation, laundry, or other mechanical upgrades to save on energy costs. This includes retrocommissioning, which incentivizes operations and maintenance measures identified through a study.</li> <li>• <b>Business Custom</b> incentivizes qualifying efficient equipment that may not be eligible for a standard rebate through the Business Comfort, Products, or Operational components. Custom rebates are determined on a \$/kW or \$/kWh basis for incremental savings above the baseline.</li> <li>• <b>New Construction</b> includes incentives for early design assistance and qualifying complex or unique new construction projects. Custom rebates are determined on a \$/kW or \$/kWh basis for incremental savings above the building code.</li> </ul> <p><i>Rebate Types</i></p> <p>The rebates will either be standard or custom.</p> <ul style="list-style-type: none"> <li>• <b>Standard Rebates</b> are fixed incentives for technologies with known performance characteristics, which may include lighting, HVAC, refrigeration, water heating, operational efficiency, and food preparation technologies. The Business Comfort, Products, and Operational components will offer standard rebates.</li> </ul> <p>To participate in this rebate type, customers select energy efficient equipment from a pre-qualified list, purchase and install the equipment, and submit a rebate application. Rebates will be issued to participants upon receipt and review of the rebate application.</p> <ul style="list-style-type: none"> <li>• <b>Custom Rebates</b> are variable incentives for qualifying projects. The Business Custom and New Construction components will offer custom rebates.</li> </ul> <p>Projects must be preapproved before equipment is purchased and installed. To be pre-approved, the project must have a Total Resource Cost Test benefit-cost ratio of at least 1.0. Once preapproved, the customer purchases and installs the approved equipment and submits a rebate application. Rebates will be issued to participants upon receipt and review of the rebate application.</p> <p>Total rebates per program year are limited to \$1,000,000 per customer. Multiple rebate applications for different measures from the same customer may be submitted.</p>

<p><b>Implementation</b></p>	<p>Evergy will engage a third-party implementation contractor to:</p> <ul style="list-style-type: none"> <li>• Process rebate applications – verify customer eligibility, review applications, and issue customer rebates.</li> <li>• Conduct QA/QC to verify equipment installation.</li> <li>• Provide customer service support.</li> <li>• Track program performance.</li> <li>• Periodically report progress towards program goals and opportunities for improvement.</li> </ul> <p>It is crucial that the measures are properly installed and customer satisfaction is high. The implementation contractor will conduct QA/QC of a random group of completed projects by project type and contractor.</p> <p>Incentives will be modified as needed to respond to market prices, with the goal of the incentive being approximately 50% of the incremental cost. Proper incentives can reduce free ridership while encouraging customers to participate in the program.</p>																				
<p><b>Eligible Measures</b></p>	<p>Eligible measures that may be included are presented by component below. Further measure information is included in Workpapers.<sup>8</sup></p> <p><b>Business Custom / New Construction</b></p> <p>Measures are custom and vary based on calculated energy savings.</p> <p><b>Business Comfort</b></p> <table border="1" data-bbox="435 930 1369 1507"> <thead> <tr> <th>Measures</th> </tr> </thead> <tbody> <tr><td>Central Air Conditioner</td></tr> <tr><td>Packaged DX</td></tr> <tr><td>Air Source Heat Pump</td></tr> <tr><td>Demand Controlled Ventilation</td></tr> <tr><td>PTAC/PTHP</td></tr> <tr><td>VRF - Air Cooled</td></tr> <tr><td>Air-Cooled Chiller with Condenser</td></tr> <tr><td>Water-Cooled Positive Displacement (Reciprocating, Rotary, Screw, Scroll) Chiller</td></tr> <tr><td>Water-Cooled Centrifugal Chiller</td></tr> <tr><td>VFD for HVAC Supply and Return Fans, 1 ≤ 75 HP</td></tr> <tr><td>HVAC - Maintenance</td></tr> <tr><td>Insulation</td></tr> <tr><td>Air Sealing</td></tr> </tbody> </table> <p><b>Business Products</b></p> <table border="1" data-bbox="435 1566 1369 1808"> <thead> <tr> <th>Measures</th> </tr> </thead> <tbody> <tr><td>Smart Thermostat</td></tr> <tr><td>LED Refrigerator Case Light</td></tr> <tr><td>LED Refrigerator/Freezer Case Lights w/Doors replacing Fluorescent Lights</td></tr> <tr><td>High Performance High-Bay Fluorescent Fixture T8</td></tr> <tr><td>High-Bay Fluorescent Fixture T5 w/ HE Electronic Ballast</td></tr> </tbody> </table>	Measures	Central Air Conditioner	Packaged DX	Air Source Heat Pump	Demand Controlled Ventilation	PTAC/PTHP	VRF - Air Cooled	Air-Cooled Chiller with Condenser	Water-Cooled Positive Displacement (Reciprocating, Rotary, Screw, Scroll) Chiller	Water-Cooled Centrifugal Chiller	VFD for HVAC Supply and Return Fans, 1 ≤ 75 HP	HVAC - Maintenance	Insulation	Air Sealing	Measures	Smart Thermostat	LED Refrigerator Case Light	LED Refrigerator/Freezer Case Lights w/Doors replacing Fluorescent Lights	High Performance High-Bay Fluorescent Fixture T8	High-Bay Fluorescent Fixture T5 w/ HE Electronic Ballast
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<sup>8</sup> MEEIA4 DSMore Batch Tool\_EMW\_04162024.xlsb and MEEIA4 DSMore Batch Tool\_EMM\_04162024.xlsb

LED Exit Sign
LED Flood Light
LED Recessed Fixture (1x4, 2x2, or 2x4)
Parking Garage 4ft 1-Lamp T5/T5HO/T8 replacing <= 100W Fixture
Parking Garage 4ft 2-Lamp T5/T5HO/T8 replacing 101W-175W Fixture
Parking Garage 4ft 3-Lamp T5/T5HO/T8 replacing > 175W Fixture
Parking Garage LED Linear Lamp replacing 2', 4', or 8' T8, T12, or T5/T5HO Lamp
Interior LED Linear Lamp replacing 2' or 4' T8, T12, or T5/T5HO Lamp
Interior LED Linear Lamp replacing 8' T8 or T12 Lamp
Interior LED Downlight or Retrofit Kit
28W or 25W 4' T8 Lamp replacing 32W 4' T8 Lamp
LED Low Bay Mogul Screw-base Lamp/Retrofit Kit replacing 150≤300W Fixture
LED Low/High Bay Mogul Screw-base Lamp/Retrofit Kit replacing 300≤450W Fixture
LED High Bay Mogul Screw-base Lamp/Retrofit Kit replacing >450W Fixture
LED Pin-Based Lamp replacing CFL Pin-Based Lamp
LED ≤11 Watt Lamp replacing Interior Halogen A28-52 Watt Lamp
LED ≤13 Watt Lamp replacing Interior Halogen MR-16 35-50 Watt Lamp
LED ≤14 Watt Lamp replacing Interior Halogen BR/R 45-65 Watt Lamp
LED ≤20 Watt Lamp replacing Interior Halogen PAR 48-90 Watt Lamp
LED Fixture/Retrofit Kit replacing Interior T12/T8 4' 1-6 Lamp Fixture
LED Fixture/Retrofit Kit replacing Interior T12/T8 8' 1-2 Lamp Fixture
LED Fixture/Retrofit Kit replacing Interior T12/T8/T5/T5HO 2' 1-4 Lamp OR Ubend 1-2 Lamp Fixture
LED Fixture/Retrofit Kit replacing Interior T5/T5HO 4' 1-6 Lamp Fixture
Interior LED Fixture replacing HID Fixture
Interior LED Retrofit Kit/Lamp replacing HID Fixture
Exterior LED replacing HID or Fluorescent Fixture
Parking Garage LED Fixture or Screw-Base LED Lamp replacing HID or Fluorescent Fixture
Low Flow Faucet Aerator Kitchen / Bathroom
Pre-Rinse Spray Valves (Small, Medium, or Large)
Pool Heater Heat Pump (Uncovered or Covered)
<b>Business Operational</b>
<b>Measures</b>
Remove 4' Lamp from T5 or T5HO system
Remove 4' or 8' Lamp from T8 or T12 system
Interior Occupancy or Vacancy Sensor replacing No Controls
Networked Lighting Controls
Strip Curtains Freezer or Cooler
Commercial Ice Machines, >100 lb/day
No Heat Case Doors for Cooler/Freezer

	Automatic Door Closer for Walk-In Cooler/Freezer																													
	Anti-Sweat Heater Controls for Freezer/Refrigerated Case (No, Low, or Standard Heat Doors)																													
	Refrigeration - Floating Head Pressure																													
	VSD Pumps (Chilled Water Pump or Hot Water Heat Pump)																													
	VSD Fans (Cooling Tower Fan)																													
	Efficient Hand Dryers																													
	Circulating Engine Block Heater																													
	Compressed Air - Engineered Nozzle 1/4" or 1/8"																													
	Compressed Air - No Loss Condensate Drain/Valve																													
	Variable Speed Drive Compressor - 1, 2, or 3 shift weekdays																													
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	Pumping System - System Optimization																													
	Pumping System - Variable Speed Drive																													
	Server																													
	Combination Oven																													
	ENERGYSTAR Hot Holding Cabinet																													
	ENERGYSTAR Steam Cooker (3, 4, 5, or 6 Pan)																													
	Kitchen Demand Ventilation Controls																													
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Estimated Budget	<b>Metro:</b>					
	<b>Budget Category</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>4 Year Total</b>
	Incentives	\$3,712,258	\$4,357,868	\$4,454,710	\$4,567,691	\$17,092,527
	Delivery	\$1,893,488	\$2,180,567	\$2,223,576	\$2,273,617	\$8,571,249
	Administration	\$441,661	\$508,078	\$518,028	\$529,605	\$1,997,372
	Evaluation	\$234,639	\$271,983	\$277,577	\$284,087	\$1,068,285
	<b>Total</b>	<b>\$6,282,046</b>	<b>\$7,318,496</b>	<b>\$7,473,892</b>	<b>\$7,655,000</b>	<b>\$28,729,433</b>
	<b>West:</b>					
	<b>Budget Category</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>4 Year Total</b>
	Incentives	\$3,777,855	\$4,388,742	\$4,645,958	\$4,862,984	\$17,675,539
Delivery	\$1,274,569	\$1,450,774	\$1,524,988	\$1,587,570	\$5,837,900	
Administration	\$516,467	\$592,619	\$624,694	\$651,741	\$2,385,520	
Evaluation	\$279,976	\$322,794	\$340,828	\$356,036	\$1,299,635	
<b>Total</b>	<b>\$5,848,867</b>	<b>\$6,754,929</b>	<b>\$7,136,467</b>	<b>\$7,458,330</b>	<b>\$27,198,594</b>	
Cost-Effectiveness	<b>Metro:</b>					
	<b>C/E Test</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>4 Year Total</b>
	TRC	2.38	2.51	2.39	2.27	2.39
	UCT	2.54	2.68	2.55	2.42	2.55
	PCT	5.00	5.00	5.00	5.00	5.00
	RIM	0.57	0.60	0.57	0.54	0.57
	SCT	2.93	3.07	2.95	2.84	2.95
	<b>West:</b>					
	<b>C/E Test</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>4 Year Total</b>
	TRC	2.63	2.77	2.63	2.48	2.62
UCT	3.55	3.74	3.55	3.35	3.54	
PCT	3.55	3.55	3.55	3.55	3.55	
RIM	0.76	0.79	0.75	0.71	0.75	
SCT	3.23	3.37	3.23	3.09	3.22	



### 1.4.2 Hard-to-Reach Businesses Program

Objective	The Hard-to-Reach Businesses Program will provide targeted energy efficiency opportunities and enhanced incentives to small businesses and non-profit customers.
Target Market	Small business customers with an average electric demand of less than 100 kW per year and non-profit, 501(c)(3) organizations.
Description	<p>The Hard-to-Reach Businesses Program will consist of seven components</p> <ul style="list-style-type: none"> <li>• <b>Enhanced Business Comfort</b> offers enhanced incentives<sup>9</sup> for HVAC equipment, HVAC maintenance, insulation, and air sealing improvements. Insulation and air sealing upgrades require a blower door test.</li> <li>• <b>Enhanced Business Products</b> offers enhanced incentives for efficient lighting, smart thermostats, control equipment, and other products.</li> <li>• <b>Enhanced Business Operational</b> offers enhanced incentives for refrigeration, food service equipment, ventilation, laundry, or other mechanical upgrades to save on energy costs.</li> <li>• <b>Enhanced Business Custom</b> offers enhanced incentives for qualifying efficient equipment that may not be eligible for a standard rebate through the Enhanced Business Comfort, Products, or Operational components. Custom rebates are determined on a \$/kW of \$/kWh basis for incremental savings above the baseline.</li> <li>• <b>Virtual Energy Management</b> will offer customers a subscription-based energy management platform to improve and automate commercial facility systems operations. Evergy will pay for the platform subscription and provide educational workshops.</li> <li>• <b>Social Services</b> will offer individual energy efficiency support for non-profit organizations, to include:             <ul style="list-style-type: none"> <li>○ <i>Assessment</i> An in-person energy assessment with a customized report and one on-one assistance until an energy efficiency project is complete.</li> <li>○ <i>Direct Installation</i> of free measures, such as LED lighting upgrades, low-flow showerheads/aerators, and smart power strips. Depending on building type and need, free insulation, air sealing, and HVAC maintenance may be provided</li> <li>○ <i>Enhanced Rebates</i> to cover approximately 100% of the incremental cost of energy-efficient measures.</li> </ul> </li> <li>• <b>No Cost Energy Assessment and Free Energy Savings Kit</b> will offer customers an energy assessment to identify potential energy savings and incentives covering up to 100% of eligible measure equipment and installation costs. Eligible measures may include but are not limited to, LED lighting upgrades, low-flow showerheads/aerators, smart power strips, pre-rinse spray valves, and pipe insulation.</li> </ul>
Implementation	<p><b>Enhanced Business Comfort, Products, Operations, and Custom</b></p> <p>Evergy will engage a third-party implementation contractor to:</p> <ul style="list-style-type: none"> <li>• Process rebate applications—verify customer eligibility, review applications, and issue customer rebates.</li> <li>• Conduct QA/QC to verify equipment installation.</li> <li>• Provide customer service support.</li> <li>• Track program performance.</li> </ul>

<sup>9</sup> Enhanced Whole Business Efficiency Program incentives.

	<ul style="list-style-type: none"> <li>Periodically report progress towards program goals and opportunities for improvement.</li> </ul> <p>It is crucial that the measures are properly installed and customer satisfaction is high. The implementation contractor will conduct QA/QC of a random group of completed projects by project type and contractor.</p> <p>Incentives will be modified as needed to respond to market prices, with a goal of the incentive being approximately 100% of the incremental cost. Proper incentives can reduce free ridership while encouraging customers to participate in the program.</p> <p><b>Virtual Energy Management</b></p> <p>Energy will engage a third party implementation contractor to:</p> <ul style="list-style-type: none"> <li>Offer an energy management platform to qualifying customers.</li> <li>Verify customer eligibility.</li> <li>Provide customer service support.</li> <li>Track program performance.</li> <li>Periodically report progress towards program goals and opportunities for improvement.</li> </ul> <p><b>Social Services</b></p> <p>Energy will engage a third party implementation contractor to:</p> <ul style="list-style-type: none"> <li>Complete energy assessments, develop customized recommendations for energy efficiency upgrades, and direct install applicable measures.</li> <li>Support energy efficiency projects and offer one-on-one assistance to participants.</li> <li>Process rebate applications—verify customer eligibility, review applications, and issue customer rebates.</li> <li>Conduct QA/QC to verify equipment installation.</li> <li>Provide customer service support.</li> <li>Track program performance.</li> <li>Periodically report progress towards program goals and opportunities for improvement.</li> </ul> <p><b>No Cost Energy Assessment and Free Energy Savings Kit</b></p> <p>Energy will engage a third party implementation contractor to:</p> <ul style="list-style-type: none"> <li>Hire qualified, local individuals (or subcontract to qualifying companies) to conduct energy assessments and install qualifying measures. Provide training as needed.</li> <li>Verify customer eligibility and schedule energy assessments.</li> <li>Provide customer service support.</li> <li>Track program performance.</li> <li>Periodically report progress towards program goals and opportunities for improvement.</li> </ul>
<p>Eligible Measures</p>	<p>Eligible Social Services measures that may be offered are presented below. The Enhanced Business component measures are presented in the Whole Business Efficiency Program description. Further measure information is included in Workpapers.<sup>10</sup></p>

<sup>10</sup> MEEIA4 DSMore Batch Tool\_EMW\_04162024.xlsb and MEEIA4 DSMore Batch Tool\_EMM\_04162024.xlsb

	<b>Social Services</b>					
	<b>Measures</b>					
	Energy Star Refrigerators	Minisplit ACs				
	Washing Machine	Ductless Mini Split Heat Pump				
	Energy Star Dishwasher	Ground Source Heat Pump				
	Smart Power Strip	Smart Thermostat				
	Screw-In LEDs	Bathroom Exhaust Fan				
	Specialty LEDs	Air Sealing				
	LED Flood Light	Ceiling Insulation				
	Exterior LEDs	Duct Repair and Sealing				
	Room AC	Low Flow Showerhead				
	Window AC	Low Flow Faucet Aerator				
	Central Air Conditioner	Pipe Insulation				
	Air Source Heat Pump					
Estimated Savings	<b>Net MWh Savings</b>					
	<b>Territory</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>4 Year Total</b>
	<b>Metro</b>	4,642	5,449	5,570	5,711	21,372
	<b>West</b>	4,662	5,416	5,733	6,001	21,811
	<b>Total</b>	<b>9,303</b>	<b>10,864</b>	<b>11,303</b>	<b>11,712</b>	<b>43,183</b>
	<b>Net MW Savings</b>					
	<b>Territory</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>4 Year Total</b>
	<b>Metro</b>	0.7	0.8	0.8	0.8	3.2
	<b>West</b>	0.7	0.8	0.8	0.9	3.1
	<b>Total</b>	<b>1.4</b>	<b>1.6</b>	<b>1.6</b>	<b>1.7</b>	<b>6.3</b>

Estimated Budget	<b>Metro:</b>					
	<b>Budget Category</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>4 Year Total</b>
	Incentives	\$858,470	\$1,007,770	\$1,030,164	\$1,056,292	\$3,952,696
	Delivery	\$433,478	\$481,039	\$488,173	\$496,496	\$1,899,186
	Administration	\$67,580	\$75,506	\$76,696	\$78,083	\$297,864
	Evaluation	\$40,848	\$45,604	\$46,317	\$47,150	\$179,919
	<b>Total</b>	<b>\$1,400,375</b>	<b>\$1,609,919</b>	<b>\$1,641,350</b>	<b>\$1,678,021</b>	<b>\$6,329,665</b>
	<b>West:</b>					
	<b>Budget Category</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>4 Year Total</b>
	Incentives	\$846,547	\$983,435	\$1,041,072	\$1,089,704	\$3,960,758
Delivery	\$450,865	\$501,133	\$522,298	\$540,156	\$2,014,453	
Administration	\$72,061	\$80,439	\$83,966	\$86,943	\$323,409	
Evaluation	\$41,837	\$46,863	\$48,980	\$50,766	\$188,445	
<b>Total</b>	<b>\$1,411,309</b>	<b>\$1,611,870</b>	<b>\$1,696,317</b>	<b>\$1,767,569</b>	<b>\$6,487,065</b>	
Cost-Effectiveness	<b>Metro:</b>					
	<b>C/E Test</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>4 Year Total</b>
	TRC	1.89	2.02	1.94	1.85	1.93
	UCT	1.67	1.78	1.71	1.63	1.70
	PCT	5.67	5.67	5.67	5.67	5.67
	RIM	0.45	0.48	0.46	0.44	0.46
	SCT	2.28	2.42	2.34	2.27	2.33
	<b>West:</b>					
	<b>C/E Test</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>4 Year Total</b>
	TRC	1.95	2.08	2.00	1.92	1.99
UCT	1.59	1.70	1.63	1.56	1.62	
PCT	5.78	5.78	5.78	5.78	5.78	
RIM	0.50	0.52	0.50	0.48	0.50	
SCT	2.33	2.48	2.41	2.33	2.39	

### 1.4.3 Business Energy Education Program

Objective	The Business Energy Education Program will provide various channels of engagement to educate and influence how businesses use energy and increase awareness of how to use less energy while cutting energy bills and reducing pollution.
Target Market	All eligible customers, local HVAC distributors, realtors, builders/developers, building designers, engineering agencies, and contractors.
Description	<p>The Business Energy Education Program includes five components:</p> <ul style="list-style-type: none"> <li>• <b>Building Operator Certification</b> will utilize the Building Operator Certification® (BOC), the leading training and certification program for building engineers and maintenance personnel. Courses will include Level I (Building Systems Maintenance) and Level II (Improving Building Operational Performance). These courses help operators find practical, lowcost, and no-cost efficiency solutions by working with existing systems. The classes also show building personnel how to create a preventive maintenance program that improves the building environment and prolongs equipment life. Finally, these courses lead seamlessly into participating in other Evergy programs that influence facility managers to take action in energy conservation.</li> <li>• <b>Local Business Energy Benchmarking.</b> Business energy usage for benchmarking is also something that Evergy provides to local businesses. To both singular entities and at the aggregate level as requested.</li> <li>• <b>Building Codes Training</b> will utilize a building codes professional to provide current building code requirement training to our local builder network. This will be especially important as we establish these building code levels as baselines for the greater efficiencies our new construction program encourages to ensure proper building standards are being met with increased levels of efficiency.</li> <li>• <b>Market Influencer Training &amp; Outreach</b> will be offered to increase awareness of the advantages of energy efficiency and our rebates offered for new construction, rehab, and retrofit projects. Market influencers may include building designers and engineering agencies, builders/developers, local distributors, and contractors who sell and install the equipment.</li> <li>• <b>Customer Education</b> will be deployed to promote the program components to customers and contractors. Through this educational component, Evergy would offer an online energy analyzer tool along with marketing efforts to increase customer awareness.             <ul style="list-style-type: none"> <li>○ <i>Education.</i> Train and educate contractors on how to effectively sell the program to customers.</li> <li>○ <i>Trade Associations.</i> Businesses rely on trade associations to represent the industry's best interests in lobbying, growth, and identification of business opportunities. Evergy will coordinate with specific associations to highlight suitable program offerings.</li> <li>○ <i>Highlight Successful Projects.</i> Evergy will select projects to display the process and benefits of the program. This type of marketing will spur the customer's competitors to improve building performance and increase business process efficiency.</li> </ul> </li> </ul> <p>The components will be cross-marketed with Evergy's other Business DSM programs to increase awareness of DSM rebates.</p>

<p>Implementation</p>	<p><b>Building Operator Certification</b> Recruit local business personnel responsible for business maintenance and operations to participate in energy educational training to receive a certification.</p> <p><b>Building Codes Training</b> Evergy will engage a third party contractor to provide current building code requirement training to our local builder network.</p> <p><b>Local Business Energy Benchmarking</b> Evergy will provide business energy usage for benchmarking to both singular entities and at the aggregate level as requested.</p> <p><b>Market Influencer Training &amp; Outreach</b> Evergy will engage a third party contractor, and support with internal staff, to increase awareness of the advantages of energy efficiency and our rebates offered for new construction, rehab, and retrofit projects.</p> <p><b>Customer Education</b> Evergy will lead the efforts to promote the program components to customers and contractors, working closely with the implementation contractors.</p>																																																																								
<p>Eligible Measures</p>	<p>There are no eligible measures associated with the program.</p>																																																																								
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## 1.5 Pilots Program

### 1.5.1 Energy Efficiency & Demand Response Research & Pilots

Objective	Designed to focus on research and innovation of new programs, measures, and concepts and improving current programs to drive better results.
Target Market	Various, depending on the pilot.
Description	<p>The program will provide the Company with a screening and evaluation mechanism to accomplish the objective and allow the Company flexibility to explore and research various ideas and concepts outside of the traditional DSM model to roll out for customer commercialization, as deemed appropriate.</p> <p>Listed below are some current pilot ideas, not limited to offer exclusively:</p> <ul style="list-style-type: none"> <li>• <b>3D Printed Homes</b> can qualify for traditional new home programs, including our existing Zero Energy Ready pilot. While historically, the carbon footprint has been an issue with 3D printed homes, strides have been made in alternative materials to achieve zero carbon. This allows the home to reach performance standards like ENERGY STAR or DOE Zero Energy Ready Homes. Robotic construction can produce homes faster than conventional construction methods and with less waste.</li> <li>• <b>Swimming Pools as Heat Sinks for AC/HP.</b> Air conditioning loads drive peak demand and contribute to overall electric power consumption. In the summer, cooling loads are highest in the middle of the day when air conditioners are the least efficient. Heat recovery pool heaters are basically geothermal heat exchanger systems added to your AC, which allows the AC to become a water-cooled unit when the pool needs heat and lets the system run normally when the pool does not need heat. It takes the waste heat from the AC and uses it to heat the pool. The operation of the AC is improved, the electrical draw is reduced, and the outdoor AC fan unit doesn't need to run.</li> <li>• <b>Smart Panels.</b> Homeowners can increasingly benefit from load management technologies that help them avoid higher peak demand rates and, in some cases, expensive electric panel service upgrades. The Smart Panel Pilot seeks to demonstrate the primary value of smart panels in empowering homeowners to shift load to off-peak hours.             <ul style="list-style-type: none"> <li>○ Smart panels, also known as intelligent or digital panels, refer to advanced electrical distribution panels that replace conventional panels and incorporate technology and communication to offer demand-side management capabilities that enhance control, monitoring, and management of electrical systems, thus enabling users to make informed decisions about their energy usage. The smart panel provides real-time monitoring and data analytics, allowing users to gain insights into their energy usage patterns and 'schedule' individual circuits, which is ideal for time-of-use (TOU) rates.</li> <li>○ The panels facilitate load balancing, prevent overloading, and can send customer notifications about energy-related events, making them a valuable tool for enhancing energy efficiency, reducing costs, and contributing to a more resilient and sustainable electrical grid. Implementing a smart panel can avoid the need for expensive service upgrades in homes with smaller ampacities, around 150 or less.</li> </ul> </li> <li>• <b>Real Time Energy Management System (RTEM) C&amp;I.</b> Building upon our Virtual Energy Management pilot, an RTEM system attaches to existing energy management systems and adds additional sensors and advanced analytics. The RTEM system allows building owners to visualize and manage their energy consumption and equipment performance, diagnose faulty equipment systems, and identify</li> </ul>

	<p>operational improvements. The RTEM system can identify areas within the building to save energy and money while reducing maintenance costs and extending equipment life. The RTEM system provides recommendations to improve building operations. Specific RTEM systems can include variables into how it is running your energy management system, such as weather and occupancy.</p> <ul style="list-style-type: none"> <li>• <b>Hard-to-Reach Businesses On Bill Financing.</b> Encourage small businesses and non-profit customers to pursue energy efficiency upgrades through an on bill financing (OBF) option repaid over time on their Evergy electric bill. Customers who pursue OBF must receive an energy assessment, including a recommended scope and project quotes. A blower test must be performed for air sealing and installation projects. Each customer project will be analyzed to determine a financing amount that is cost-effective and results in a net positive bill impact. The financing option will be reviewed and accepted by the customer or landlord. If accepted, the upgrades will be made with the financed amount remaining at the premise where the energy savings will be realized, with the option to pay off early with no penalties.</li> </ul>																																																																								
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## 1.6 Demand Response

### 1.6.1 Home Demand Response Program

Objective	The Home Demand Response (DR) program is designed to reduce participant load during peak periods to improve system reliability, offset forecasted system peaks that could result in future generation capacity additions and/or provide a more economical option to generation or purchasing energy in the wholesale market
Target Market	The program is available during the program period to all residential customers receiving electric service that meet the eligibility requirements.
Description	<p>The Home DR Program will consist of qualifying direct load control (DLC) devices. To be eligible, customers must maintain a secure home WiFi-enabled internet service and have a working central air conditioning system or heat pump.</p> <p>Eligible customers have three possible participation channels:</p> <ol style="list-style-type: none"> <li>1. Do It Yourself (DIY). Customers can receive a device from Evergy at no cost and receive an incentive to install the device themselves.</li> <li>2. Direct Install (DI). Customers can receive a device from Evergy and professional installation at no cost.</li> <li>3. Bring Your Own (BYO). Customers can receive an incentive to purchase and install their own device.</li> </ol> <p>During a curtailment event, the Company or its assignee will deploy various demand response technologies to the participants' WiFi enabled devices to modify the runtime of end-use systems for a specified period of time in a Company coordinated effort to limit overall system peak load or emergency conditions on the local grid or regional transmission organization (RTO) level.</p> <p>Customers who receive a device at a discounted price must agree to install it at their premise within fourteen (14) days of receiving it and keep it installed, operational, and connected to a secure home WiFi network.</p> <p>Customers must agree to not sell the device for the duration of the program cycle. If it is found that they do, a debit will be issued on their utility bill for the Manufacturer Suggested Retail Price (MSRP) of the device or the value of the incentive provided to the customer. Payment will be the customer's responsibility.</p> <p>Evergy reserves the right to apply minimum and/or maximum event performance requirements for incentive payment and to apply financial penalties or terminate participation for non-compliance.</p>
Implementation	<p>Evergy will engage a third party implementer to provide the necessary services to effectively implement the program and strive to attain the energy and demand savings targets.</p> <p>Various market factors—including new codes and standards, energy legislation and consumer value shifts—will affect the measure mix and program delivery strategy. Evergy may alter incentive levels and qualification criteria as necessary to ensure the program achieves its goals.</p>
Eligible Measures	Qualified DLC devices, including but not limited to smart thermostats and advanced water heater controllers, will be determined during implementation and updated on an ongoing basis.

Estimated Savings	<b>Net MWh Savings</b>					
	<b>Territory</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>4 Year Total</b>
	<b>Metro</b>	175	142	183	125	624
	<b>West</b>	208	200	225	142	774
	<b>Total</b>	<b>383</b>	<b>341</b>	<b>408</b>	<b>266</b>	<b>1,399</b>
	<b>Net MW Savings</b>					
	<b>Territory</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>4 Year Total</b>
	<b>Metro</b>	11.8	9.6	12.4	8.4	42.2
	<b>West</b>	14.1	13.5	15.2	9.6	52.3
	<b>Total</b>	<b>25.9</b>	<b>23.1</b>	<b>27.6</b>	<b>18.0</b>	<b>94.5</b>
Estimated Budget	<b>Metro:</b>					
	<b>Budget Category</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>4 Year Total</b>
	<b>Incentives</b>	1,094,885	1,057,037	1,279,036	1,153,486	4,584,444
	<b>Delivery</b>	1,514,969	1,638,902	1,763,378	1,888,387	6,805,635
	<b>Administration</b>	440,461	472,744	505,187	537,787	1,956,179
	<b>Evaluation</b>	64,372	69,090	73,832	78,596	285,890
	<b>Total</b>	<b>3,114,687</b>	<b>3,237,773</b>	<b>3,621,433</b>	<b>3,658,256</b>	<b>13,632,149</b>
	<b>West:</b>					
	<b>Budget Category</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>4 Year Total</b>
	<b>Incentives</b>	\$1,142,443	\$1,216,668	\$1,409,950	\$1,215,801	\$4,984,862
	<b>Delivery</b>	\$1,284,385	\$1,412,929	\$1,541,925	\$1,671,363	\$5,910,602
	<b>Administration</b>	\$304,797	\$332,320	\$359,952	\$387,690	\$1,384,759
	<b>Evaluation</b>	\$67,692	\$73,804	\$79,941	\$86,101	\$307,538
	<b>Total</b>	<b>\$2,799,317</b>	<b>\$3,035,722</b>	<b>\$3,391,767</b>	<b>\$3,360,955</b>	<b>\$12,587,760</b>
Cost-Effectiveness	<b>Metro:</b>					
	<b>C/E Test</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>4 Year Total</b>
	<b>TRC</b>	6.76	5.86	5.93	3.69	5.54
	<b>UCT</b>	6.55	5.41	5.55	3.24	5.13
	<b>PCT</b>	1.28	1.49	1.41	1.80	1.47
	<b>RIM</b>	6.13	5.14	5.23	3.11	4.86
	<b>SCT</b>	7.81	6.69	6.85	4.36	6.41
	<b>West:</b>					
	<b>C/E Test</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>4 Year Total</b>
	<b>TRC</b>	8.58	8.41	7.60	4.58	7.29
	<b>UCT</b>	8.73	8.20	7.32	4.03	6.97
	<b>PCT</b>	1.12	1.23	1.26	1.67	1.29
	<b>RIM</b>	8.09	7.67	6.83	3.85	6.54
	<b>SCT</b>	9.93	9.59	8.78	5.41	8.42

### 1.6.2 Business Demand Response Program

<p>Objective</p>	<p>The Business Demand Response (DR) Program is designed to reduce participant load during peak periods to improve system reliability, offset forecasted system peaks that could result in future generation capacity additions, and/or provide a more economical option to generation or purchasing energy in the wholesale market. Participant curtailment may be requested for any of these operational or economic reasons as determined by Evergy.</p>
<p>Target Market</p>	<p>The program is available to all eligible commercial and industrial customers that demonstrate economic and technical feasibility for measurable and verifiable load reduction during the Summer Curtailment Season of June 1 to September 30 and Winter Curtailment Season of October 1 to May 31 within designated curtailment hours of 8:00 a.m. to 8:00 p.m., Monday through Friday excluding Holidays.</p>
<p>Description</p>	<p>The Business DR Program is comprised of three components. Eligible customers with load curtailment potential participate in the Business DR Program utilizing the following steps:</p> <ol style="list-style-type: none"> <li>1. A customer with load curtailment potential during the curtailment seasons and designated curtailment hours enrolls with Evergy's Program Administrator or an approved retail aggregator.</li> <li>2. The Program Administrator evaluates the customer's metered usage data from the most recent curtailment season and gathers site specific information to establish the customer's curtailment plan and estimated associated curtailable load (kW).</li> <li>3. The participant/Aggregator enrolls the curtailable load in the program by executing their Participation Agreement.</li> <li>4. The participant receives an event notice from Evergy before the scheduled curtailment event.</li> <li>5. Participants either manually execute their facility curtailment plan or use an automated system to execute their facility curtailment plan. The three components represent different execution methods and devices.</li> </ol> <ul style="list-style-type: none"> <li>• <b>Curtailment Agreements.</b> Participants manually execute their facility curtailment plan to curtail at least their enrolled curtailable load for the duration of the event.</li> <li>• <b>Smart Thermostats.</b> The participant's smart thermostat automatically executes their facility curtailment plan.</li> <li>• <b>Advanced Demand Response.</b> Participants automatically execute their facility curtailment plan utilizing a building/energy management system (BMS/EMS) or facility automation system. The curtailment plan will be preprogrammed so that the system will automate the preprogrammed usage adjustments to respond to demand response events.</li> </ul> <p><i>Event Performance and Incentives</i></p> <p>Evergy will employ a calculated baseline load (CBL) methodology to determine participant demand savings associated with a curtailment event. A CBL approach applies a model or algorithm to develop a customer specific baseline for each day from historic metered usage data that is then used to forecast load impacts for each hour of the event absent a curtailment event. The baseline is calibrated to best match recent operational and/or weather patterns and then compared to the actual metered average</p>

	<p>hourly demand during the curtailment event. The difference between the forecasted hourly baseline and the actual metered hourly usage during the event equals the hourly kW impact of the event. All kW will be calculated as a whole number.</p> <p>Evergy will pay the participant or Aggregator for the Seasonal Average % kWh Achieved within the established floor and cap as detailed in their Participant Agreement.</p> $\text{Seasonal Average \% kWh Achieved} = \frac{\text{Hourly Average kW Achieved}}{\text{kW Enrolled}}$																																																												
<p>Implementation</p>	<p>Evergy will hire a third-party program administrator to assist the internal product manager with program implementation. The program administrator will provide activities such as:</p> <ul style="list-style-type: none"> <li>• Customer identification, recruitment, and management.</li> <li>• Manage the day-to-day operations, including control technology and support services.</li> <li>• Recruit and manage AAP relationships.</li> </ul>																																																												
<p>Eligible Measures</p>	<p>Qualifying technologies will be determined during implementation and updated on an ongoing basis.</p>																																																												
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Estimated Budget	<b>Metro:</b>					
	<b>Budget Category</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>4 Year Total</b>
	Incentives	\$1,885,231	\$2,197,489	\$2,241,852	\$1,843,558	\$8,168,132
	Delivery	\$1,050,447	\$1,194,496	\$1,238,194	\$1,015,816	\$4,498,953
	Administration	\$279,793	\$312,857	\$327,583	\$266,790	\$1,187,023
	Evaluation	\$109,325	\$122,304	\$127,946	\$103,380	\$462,955
	<b>Total</b>	<b>\$3,324,797</b>	<b>\$3,827,146</b>	<b>\$3,935,575</b>	<b>\$3,229,544</b>	<b>\$14,317,062</b>
	<b>West:</b>					
	<b>Budget Category</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>4 Year Total</b>
	Incentives	\$3,239,273	\$3,688,665	\$3,723,642	\$3,314,680	\$13,966,260
Delivery	\$1,748,823	\$1,972,130	\$2,003,115	\$1,763,826	\$7,487,894	
Administration	\$455,459	\$510,393	\$520,246	\$452,780	\$1,938,878	
Evaluation	\$103,818	\$114,364	\$117,894	\$99,459	\$435,535	
<b>Total</b>	<b>\$5,547,372</b>	<b>\$6,285,552</b>	<b>\$6,364,897</b>	<b>\$5,630,745</b>	<b>\$23,828,566</b>	
Cost-Effectiveness	<b>Metro:</b>					
	<b>C/E Test</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>4 Year Total</b>
	TRC	1.95	7.68	7.08	3.38	5.17
	UCT	1.56	5.64	5.48	2.51	3.94
	PCT	1.86	2.11	1.95	2.08	1.99
	RIM	1.38	5.17	4.92	2.29	3.56
	SCT	2.02	7.73	7.14	3.43	5.23
	<b>West:</b>					
	<b>C/E Test</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>4 Year Total</b>
	TRC	2.13	8.24	7.91	3.81	5.69
UCT	1.56	5.83	5.71	2.59	4.04	
PCT	2.07	2.19	2.11	2.35	2.17	
RIM	1.45	5.47	5.32	2.47	3.78	
SCT	2.19	8.29	7.96	3.85	5.73	

### 1.6.3 Demand Response Energy Education Program

Objective	The Demand Response Energy Education Program will educate the people who influence if and how demand response is implemented in Evergy's service territory. Education is necessary to make customers and the target market aware of Evergy's programs.																																																																													
Target Market	All eligible customers, aggregators, load control manufacturers, and distributors.																																																																													
Description	Customer education will be deployed to promote the programs to customers and aggregators. Marketing efforts to increase customer awareness may include bill inserts, email blasts, newspaper advertisements, trade publications, billboards, and internet placement. The components will be cross-marketed with Evergy's other DSM programs to increase awareness of DSM rebates.																																																																													
Implementation	<p>Evergy will hire a third party program administrator to assist with internal marketing communications on Demand Response market intelligence in support of energy education. The program administrator will support areas including the following but not limited to:</p> <ul style="list-style-type: none"> <li>• Segmentation</li> <li>• Demographics</li> <li>• Propensity and Price elasticity analysis</li> <li>• Device operability of existing end of life devices</li> </ul>																																																																													
Eligible Measures	There are no eligible measures associated with the program.																																																																													
Estimated Budget	<p><b>Metro:</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #0070C0; color: white;"> <th>Budget Category</th> <th>2025</th> <th>2026</th> <th>2027</th> <th>2028</th> <th>4 Year Total</th> </tr> </thead> <tbody> <tr> <td>Incentives</td> <td>\$50,000</td> <td>\$50,000</td> <td>\$50,000</td> <td>\$50,000</td> <td>\$200,000</td> </tr> <tr> <td>Delivery</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> </tr> <tr> <td>Administration</td> <td>\$50,000</td> <td>\$50,000</td> <td>\$50,000</td> <td>\$50,000</td> <td>\$200,000</td> </tr> <tr> <td>Evaluation</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> </tr> <tr style="font-weight: bold;"> <td>Total</td> <td>\$100,000</td> <td>\$100,000</td> <td>\$100,000</td> <td>\$100,000</td> <td>\$400,000</td> </tr> </tbody> </table> <p><b>West:</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #0070C0; color: white;"> <th>Budget Category</th> <th>2025</th> <th>2026</th> <th>2027</th> <th>2028</th> <th>4 Year Total</th> </tr> </thead> <tbody> <tr> <td>Incentives</td> <td>\$50,000</td> <td>\$50,000</td> <td>\$50,000</td> <td>\$50,000</td> <td>\$200,000</td> </tr> <tr> <td>Delivery</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> </tr> <tr> <td>Administration</td> <td>\$50,000</td> <td>\$50,000</td> <td>\$50,000</td> <td>\$50,000</td> <td>\$200,000</td> </tr> <tr> <td>Evaluation</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> </tr> <tr style="font-weight: bold;"> <td>Total</td> <td>\$100,000</td> <td>\$100,000</td> <td>\$100,000</td> <td>\$100,000</td> <td>\$400,000</td> </tr> </tbody> </table>						Budget Category	2025	2026	2027	2028	4 Year Total	Incentives	\$50,000	\$50,000	\$50,000	\$50,000	\$200,000	Delivery	\$0	\$0	\$0	\$0	\$0	Administration	\$50,000	\$50,000	\$50,000	\$50,000	\$200,000	Evaluation	\$0	\$0	\$0	\$0	\$0	Total	\$100,000	\$100,000	\$100,000	\$100,000	\$400,000	Budget Category	2025	2026	2027	2028	4 Year Total	Incentives	\$50,000	\$50,000	\$50,000	\$50,000	\$200,000	Delivery	\$0	\$0	\$0	\$0	\$0	Administration	\$50,000	\$50,000	\$50,000	\$50,000	\$200,000	Evaluation	\$0	\$0	\$0	\$0	\$0	Total	\$100,000	\$100,000	\$100,000	\$100,000	\$400,000
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