

## **2022 Weatherization, Energy Efficiency, and Safety Rebates**

*Rebates are for the entire Eagle River Valley (Dotsero to Vail; up Hwy 131 & US 24 in Eagle County)*

*Amounts shown below are max funds available for one year per home/unit/building;  
this max amount may be used up in one or multiple projects depending on project costs.*

\$500/year	<b>Residential Rebate</b>	<ul style="list-style-type: none"> <li>• rebate not to exceed 50% of total project costs for any project, when combining with all utility rebates</li> <li>• HVAC tune-up maxes at 25% of total project costs</li> </ul>
\$1,000/year	<b>Business/Multifamily Building Rebate</b>	
\$2,000/year	<b>LMI households Rebate</b>	<ul style="list-style-type: none"> <li>• rebate not to exceed 80% of total project costs for any project, when combining with all utility rebates</li> <li>• low-moderate-income (LMI) households with a max income allowed of 120% Area Median Income (AMI)-chart follows detailed rebate list; must provide income documentation</li> </ul>

**General Rules & Requirements:** *These are in addition to project specific requirements (which are detailed on the following pages)*

- Home Energy Assessment or Business Energy Walkthrough is required prior to a rebate being processed, and preferred prior to implementing upgrades.
- Must apply for rebate online within **90 days** of date on paid invoice.
- Must provide proof (photos) of completed project.
- Provide an electronic version of your invoice(s)/receipt(s), and any applicable spec sheets, which can be uploaded as part of the online application or emailed to your Walking Mountains energy coach.
- Project costs may include materials and labor costs; no tax or permit expenses included.
- Rebates are for existing buildings only.
- **Rebate checks will be distributed within 4-6 weeks of receiving completed rebate application & providing all required documentation.**
- Colorado state regulation requires proper disposal of mercury containing lamps (HIDs, all linear and u-bend fluorescents, CFLs, 2- 4-pin CFLs, and circular fluorescent, as an example).
- Rebates may be assigned to the contractor completing the project, and this credit must be shown on the invoice.
- Walking Mountains reserves the right to inspect the project after completion.
- Walking Mountains is not liable or responsible for any act or omission of any party, consumer, or contractor whatsoever. Walking Mountains is not liable for rebates promised to consumers as a result of a contractor misrepresenting the program.
- Rebates are subject to change and/or discontinue without notice. Funding is limited. Applications will be accepted on a first come, first serve basis.
- Walking Mountains reserves the right to refuse payment and participation if the consumer or contractor violates program rules and procedures.

**Questions: Call an Energy Coach at 970-328-8777**

### **Balanced Ventilation (ERV/HRV)**

#### *Energy Recovery Ventilation or Heat Recovery Ventilation*

- Home should be at or below 0.35 Natural Air Changes per Hour (NACH); if not, air sealing must be done before or in conjunction with ventilation project
- Equipment must be labeled ENERGY STAR®
- Ventilation unit is required to deliver fresh (supply) air to main living/work space and each bedroom/office, at a minimum

### **Cold Climate (ductless mini-split or ducted) Heat Pump**

[https://neep.org/sites/default/files/resources/ASHP\\_buyingguide\\_5.pdf](https://neep.org/sites/default/files/resources/ASHP_buyingguide_5.pdf)

[www.energy.gov/energysaver/ductless-mini-split-heat-pumps](http://www.energy.gov/energysaver/ductless-mini-split-heat-pumps)

- Home must be heated with electricity (see electrification rebates for switching from natural gas or propane)
- Ducted: HSPF 9+; Ductless: HSPF 10+
- Compressor must be variable capacity (three or more distinct operating speeds, or continuously variable)
- Must be rated for cold climates and provide heat down to 5°F or lower
  - Recommend investing in hyper heat (Mitsubishi), low ambient or extra low temperature heat pumps that heat to -13°F or lower
- Load calculation required to right size outside unit and derate for high elevation
- Must be used as primary heat source in the home/building

### **Cooling only: Ductless Mini-split Heat Pump or Variable Refrigerant Flow (VRF)**

- No mechanical cooling or replacing central air conditioning system
- SEER 18+

### **Duct Sealing**     [www.energystar.gov/campaign/heating\\_cooling/duct\\_sealing](http://www.energystar.gov/campaign/heating_cooling/duct_sealing)

- Repair any damaged and disconnected ducts and straighten out flexible ducts that are tangled or crushed
- Seal all leaks and connections with mastic, metal tape, or an aerosol-based sealant (AEROSEAL product OK)
- Seal all registers and grills tightly to the ducts
- Before and after CFM measurements for ducts required
- Insulate ducts in unconditioned areas (attics/crawlspaces/garages); duct insulation of an R-value of 6 or higher
- Prove all requirements above by detailed documentation on invoice(s) and/or photos
- Recommend evaluating your system's supply & return air balance, to ensure air return ducts not too small
- Recommend including a new filter as part of any duct system improvement
- Recommend you ensure there is no back drafting by getting a CAZ (combustion appliance zone) safety test after ducts are sealed (if you have combustion appliances/equipment in your home-gas/propane)

### **Heat Pump Clothes Dryer**

- Must be labeled ENERGY STAR®     [www.energystar.gov/products/heat\\_pump\\_dryer](http://www.energystar.gov/products/heat_pump_dryer)
- Ask your Energy Coach how these clothes dryers are different than traditional ones

### Heat Pump (Hybrid) Water Heater

- Must be labeled ENERGY STAR® and installed per manufacturer's specifications  
[www.energystar.gov/products/heat\\_pump\\_water\\_heaters](http://www.energystar.gov/products/heat_pump_water_heaters)
- Existing water heater is electric (see electrification rebates for homes switching from natural gas or propane)

### Heat Tape Timers

- Must be hardwired (permanently installed); recommended to be done by a licensed electrician
- Must be programmed to run only during daylight hours when the sun helps melt ice dams (off by 5pm)
- Learn more about heat tape: [www.holycross.com/wp-content/uploads/2020/07/Heat-Tape-Basics-with-Rates-from-7-1-1911.2.2020.pdf](http://www.holycross.com/wp-content/uploads/2020/07/Heat-Tape-Basics-with-Rates-from-7-1-1911.2.2020.pdf)

### Home Envelope: Air Sealing

- Infiltration levels must be measured by a blower door test before (part of an energy assessment) and after project, and shared with Walking Mountains **\* If a multifamily building, must happen on 20-25% of units**
- Air leakage must be reduced by 10% or more as measured in CFM50 by a blower door test, unless you are already at or below 0.35 Natural Air Changes per Hour (NACH)
- If at/or below 0.35 NACH before or after improvement, you are required to meet with an Energy Coach at Walking Mountains to understand opportunities for fresh air ventilation, and identify existing ventilation present in the home

### Home Envelope: Insulation [www.energy.gov/energysaver/insulation](http://www.energy.gov/energysaver/insulation)

- Air sealing must be completed prior to adding insulation, unless you are already at or below 0.35 NACH, and should be detailed on your contractor invoice
- Infiltration levels must be measured by a blower door test before (part of an energy assessment) and after project, and shared with Walking Mountains **\* If a multifamily building, must happen on 20-25% of units**
- If at/or below 0.35 NACH before or after improvement, you are required to meet with an Energy Coach at Walking Mountains to understand opportunities for fresh air ventilation, and identify existing ventilation present in the home
- Insulation projects must conform to the following R-values/details:
  - Exterior Wall:** Insulate exterior/foundation walls to minimum R-19
  - Attic:** Insulate floor of unfinished attic to minimum R-60
  - Floor:** Insulate floor of living space above garage or unconditioned crawlspace to min R-30
  - Crawlspace Conditioning:** Insulate crawl walls and rim joists to minimum R-19; condition entire crawl with minimum 10-mil vapor barrier, sealed to the foundation/footers, encapsulating the entire space; must seal vents; no insulation required in crawl ceiling

### Home Radon Mitigation Systems

- Pre and post radon tests required
- Ask your installer to use the most Energy Efficient Fan available
- System must be sized and installed correctly by a qualified radon mitigation contractor

### **HVAC equipment tune-up**

- Not to exceed 25% of the total project cost
- One-time rebate

### **Induction cooktop/range**

- Total project cost can include cookware that works with induction
- Both standalone cooktops, and ranges with built-in induction cooktop are eligible
- We require a before photo of the old cooktop/range in place and an after photo showing the new induction cooktop/range installed

### **LED Lighting**

- ENERGY STAR® or DesignLights Consortium (DLC) label required  
[www.energystar.gov/products/lighting\\_fans/light\\_fixtures/why\\_choose\\_energy\\_star\\_qualified\\_led\\_lighting](http://www.energystar.gov/products/lighting_fans/light_fixtures/why_choose_energy_star_qualified_led_lighting)  
[www.designlights.org](http://www.designlights.org)
- Must upgrade existing bulbs/fixtures (rebate is not available for the addition of new bulbs/fixtures)
- Minimum of 30% wattage reduction required for businesses/buildings

### **Lighting Controls**

*Network system to control most of a building's lighting*

- Networked lighting controls (NLC) with wireless networked integrated sensors only
- Control schedule submitted with rebate application

### **Multifamily & Commercial Buildings - Chillers**

*Businesses that replace air or water-cooled chillers and have completed an energy analysis of the energy efficiency breakdown at each load from 10 to 100 percent may qualify for this rebate.*

- Back-up or emergency chillers do not qualify for rebates
- Existing chiller must still be in working order, and at least 15 years or older
- Controls must be incorporated to reduce chiller usage during 4-9 pm when possible
- Energy analysis must be sent in with application

### **Multifamily & Commercial Buildings - EC Motors**

*Reach-in (coffin) display cases or walk-in coolers; refrigeration or freezer applications*

- Replace shaded pole (SP) or permanent split capacitor (PSC) fan motors
- Permanently installed in walk-in or reach-in (coffin) cases

### **Multifamily & Commercial Buildings - Energy Management System / Data Trackers / Smart Controls**

*For the purchase and installation of automated building controls*

- Must be a new Energy Management System (EMS) where none previously existed, or for adding functionality to an existing EMS

### **Multifamily & Commercial Buildings - Pool & Spa Pumps**

- Must be labeled ENERGY STAR® [www.energystar.gov/products/pool\\_pumps](http://www.energystar.gov/products/pool_pumps)
- Must replace a single speed primary pump
- New pump must be a variable speed drive (VSD)

### **Multifamily & Commercial Buildings - Recommissioning or Commercial ASHRAE Level II & III Audit**

- Report must be provided to Walking Mountains
- Report must show potential therm and kilowatt-hour savings

### **Multifamily & Commercial Buildings - Variable Frequency Drive (VFD)**

- Add a VFD where there is not one existing, current motor or pump is constant speed
- Must operate at minimum of 2,000 hours per year
- Large VFD projects (project cost over \$15,000) must include engineering analysis of potential kWh savings

### **Multifamily & Commercial Buildings - Variable Refrigerant Flow (VRF)**

*Businesses or buildings that replace existing gas heating and electric cooling system, or that add mechanical cooling with variable refrigerant flow (VRF) that will be used for heating and cooling are eligible for this rebate*

- EER 10+
- COP 2+
- VRF must be used as primary heating source

### **Smart (Wi-Fi Enabled) or Programmable Thermostats**

- Replace non-programmable, or broken, electric or gas thermostat
- Setbacks must be programmed
- Learn more about best options: [www.energystar.gov/products/smart\\_thermostats](http://www.energystar.gov/products/smart_thermostats)  
[www.energy.gov/energysaver/programmable-thermostats](http://www.energy.gov/energysaver/programmable-thermostats)

### **Storm Windows and Insulated Cellular Shades**

- Storm window must be labeled ENERGY STAR® and be sized and installed correctly (INDOW Windows qualify); whole home is not required [www.energystar.gov/products/storm\\_windows\\_0](http://www.energystar.gov/products/storm_windows_0)
- Cellular (honeycomb) shades must be double cell or cell-within-a-cell design, and be sized and installed correctly Cellular shades prevent air from leaking through your windows so cool air in the summer and heated air in the winter stay inside. [www.energy.gov/energysaver/energy-efficient-window-coverings](http://www.energy.gov/energysaver/energy-efficient-window-coverings) (scroll down to insulated cellular shades section)

## 2022 Home & Building Electrification Rebates

*Rebates are for the entire Eagle River Valley (Dotsero to Vail; up Hwy 131 & US 24 in Eagle County)*

*Amounts shown below are max funds available for one year per home/unit/building;  
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<b>\$3,000/year</b>	<b>Residential Electrification Rebate</b>	<ul style="list-style-type: none"> <li>• rebate not to exceed 50% of total project costs for any project, when combining with all utility rebates</li> </ul>
<b>\$6,000/year</b>	<b>Business/Multifamily Building Electrification Rebate</b>	
<b>\$4,000/year</b>	<b>LMI households Electrification Rebate</b>	<ul style="list-style-type: none"> <li>• rebate not to exceed 80% of total project costs for any project, when combining with all utility rebates</li> <li>• low-moderate-income (LMI) households with a max income allowed of 120% Area Median Income (AMI)-chart prior to this detailed rebate list; must provide income docs</li> </ul>

**General Rules & Requirements:** In addition to project specific requirements (which are detailed on the following pages)

- Home Energy Assessment or Business Energy Walkthrough is required prior to a rebate being processed, and preferred prior to implementing upgrades.
- Must apply for rebate online within **90 days** of date on paid invoice.
- Must provide proof (photos) of completed project.
- Provide an electronic version of your invoice(s)/receipt(s), and any applicable spec sheets, which can be uploaded as part of the online application or emailed to your Walking Mountains energy coach.
- Project costs may include materials and labor costs; no tax or permit expenses included.
- Rebates are for existing buildings only.
- **Rebate checks will be distributed within 4-6 weeks of receiving completed rebate application & providing all required documentation.**
- Colorado state regulation requires proper disposal of mercury containing lamps (HIDs, all linear and u-bend fluorescents, CFLs, 2- 4-pin CFLs, and circular fluorescent, as an example).
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[www.energy.gov/energysaver/ductless-mini-split-heat-pumps](http://www.energy.gov/energysaver/ductless-mini-split-heat-pumps)

- Home must be heated with natural gas or propane and switching to electric
- Ducted: HSPF 9+; Ductless: HSPF 10+
- Compressor must be variable capacity (three or more distinct operating speeds, or continuously variable)
- Must be rated for cold climates and provide heat down to 5°F or lower
  - Recommend investing in hyper heat (Mitsubishi), low ambient or extra low temperature heat pumps that heat to -13°F or lower
- Load calculation required to right size outside unit and derate for high elevation
- Must be used as primary heat source in the home/building

### **Heat Pump (Hybrid) Water Heater**

- Existing water heater must be natural gas or propane and switching to electric
- Must be labeled ENERGY STAR® and installed per manufacturer's specifications  
[www.energystar.gov/products/heat\\_pump\\_water\\_heaters](http://www.energystar.gov/products/heat_pump_water_heaters)

### **Heat Pump Clothes Dryer**

- Existing clothes dryer must be natural gas or propane and switching to electric
- Must be labeled ENERGY STAR® [www.energystar.gov/products/heat\\_pump\\_dryer](http://www.energystar.gov/products/heat_pump_dryer)
- Ask your Energy Coach how these clothes dryers are different than traditional ones

### **Induction cooktop/range**

- Existing stove/range must be natural gas or propane and switching to electric
- Total project cost can include cookware that works with induction
- Both standalone cooktops, and ranges with built-in induction cooktop are eligible
- We require a before photo of the old cooktop/range in place and an after photo showing the new induction cooktop/range installed

### **Electric Fireplaces**

- Existing fireplace must be natural gas or propane and switching to electric
- Must be able to operate new electric fireplace with option of no heat (flame visual only)
- We require a before & after photo showing the new fireplace installed

### **Electrical Upgrade**

- Must be related to current or future electrification project(s)
- Must expand current electrical capacity or upgrade to smart panel(s)
- Must provide before & after project photos
- Invoice must include the purpose of the electrical upgrade

### Energy Storage (Battery)

- Self-installed batteries enrolled in Holy Cross Energy's ToD "Time of day optional rate" [www.holycross.com/time-of-day-optional-rate](http://www.holycross.com/time-of-day-optional-rate)
- Not eligible if obtaining battery through Holy Cross Energy's "Power +" program.

Must Provide:

- Photo of the installed battery/batteries
- Invoice must be itemized and include battery type/model and capacity
- Most Recent Holy Cross Energy Bill showing Time of Use Rate Code (6 or 7 for residential; 26 or 27 for commercial)

### Multi-Family building public EV charging stations

- Must be installed in a multi-family building parking area for public use (free or for a charge)
- Community-based Level 2 and Level 3 charging stations
- Must be paid for by the HOA or other group funds
- It is recommended that you use the CHARGE AHEAD COLORADO grant: <https://energyoffice.colorado.gov/zero-emission-vehicles/charge-ahead-colorado>
- Must provide an itemized invoice for labor charges and all equipment charges
- Must provide a photo of the charger installed and in use, including a photo of nameplate

### REBATE CHECKLIST

- HOME ENERGY ASSESSMENT / BUSINESS ENERGY WALK-THROUGH** – enroll online
- ENERGY COACH** – talk with us at Walking Mountains (before starting your project)
- REBATE REQUIREMENTS** – verify your project meets minimum specifications/requirements
- REBATE APPLICATION** – complete online (after your project is completed/paid)
- PHOTOS / DOCUMENTATION** – gather and provide to your Energy Coach
- UTILITY REBATES** – ask your Walking Mountains Energy Coach to guide you

[www.walkingmountains.org/energy](http://www.walkingmountains.org/energy)



## 2022 Low-to-Moderate Income Information

The following chart shows income level limits for households to participate in three (3) different programs available locally, which can help with energy improvements in homes. Energy Coaches at Walking Mountains can help people apply for and go through any of these low-moderate income programs (LMI). Free upgrades may be available with WAP and CARE.

<b>2022 Income Limits</b>	<b>WAP</b>		<b>CARE</b>		<b>WM-LMI</b>	
	<i>Weatherization Assistance Program</i>		<i>Colorado's Affordable Residential Energy Program</i>		<i>Walking Mountains' Low-Moderate Income</i>	
	<i>60% SMI (7 or less ppl); 200% Fed Poverty Level (8+)</i>		<i>80% Area Median Income (AMI)</i>		<i>120% Area Median Income (AMI)</i>	
	<i>annual household income (before taxes; all income earners)</i>					
<i># in Home</i>	<i>Annual</i>	<i>Monthly</i>	<i>Annual</i>	<i>Monthly</i>	<i>Annual</i>	<i>Monthly</i>
1 Person	\$33,108	\$2,759	\$56,000	\$4,667	\$84,000	\$7,000
2 Person	\$43,296	\$3,608	\$64,000	\$5,333	\$96,000	\$8,000
3 Person	\$53,484	\$4,457	\$72,000	\$6,000	\$108,000	\$9,000
4 Person	\$63,672	\$5,306	\$80,000	\$6,667	\$120,000	\$10,000
5 Person	\$73,860	\$6,155	\$86,400	\$7,200	\$129,600	\$10,800
6 Person	\$84,036	\$7,003	\$92,800	\$7,733	\$139,200	\$11,600
7 Person	\$85,956	\$7,163	\$99,200	\$8,267	\$148,800	\$12,400
8 Person	\$89,328	\$7,444	\$105,600	\$8,800	\$158,400	\$13,200
<i>WAP households with 8+ people, add \$757 monthly, or \$4,540 annually, for each additional person.</i>						

### Walking Mountains LMI (WM-LMI above) Incentives for 2022 are:

- **FREE Home Energy Assessments;** and
- **\$2,000 for Weatherization, Energy Efficiency, and Safety Rebates** (everything listed in details above PLUS refrigerators-must be labeled ENERGY STAR®); and
- **\$2,000 for Solar PV Rebates** (must be grid-tied & must qualify for Holy Cross Energy incentive); and
- **\$4,000 for Electrification Rebates** - must be fuel switching (everything listed in details below).

*Specific rebate details shown above are **annual max amounts per household** (which may go towards one or more projects until max is reached). All rebate rules at the beginning of this document apply. There is an **80% of project cost max allowed back in rebate(s)** when also considering all utility rebates. Each measure has specific requirements to qualify, please talk with an Energy Coach at Walking Mountains before starting your project.*