

Residential Rebate Information

Home Energy Assessment Incentives

Sign up for a Home Energy Assessment

The assessment includes the installation of energy-saving quick-fix items, and radon and carbon monoxide testing. You will receive a report with a simple 1-10 Home Energy Score and in-depth recommendations for energy-saving opportunities.

- Sign up at www.energysmartcolorado.com or by calling 970.925.9775
- Special stipulations: This price is for homes up to 3,000 square feet (there is an additional cost of \$0.05 per square foot beyond 3,000 square feet).
- Discounted Price: \$100 (subsidized down from the \$500 value).

Efficiency Measures for Single-Family

Air Sealing: 25% of project cost, up to \$500 per household

- Stipulations:
 - Electrically-heated homes only.
 - Home Energy Assessment is required to receive rebate.
 - Infiltration levels must be measured by a blower door test before (part of an energy assessment) and after air sealing.
 - Your project must demonstrate at least a 10% air leakage reduction, as measured in CFM50 by a blower door test.

Insulation: 25% of project cost, up to \$500 per household

- Stipulations:
 - Electrically-heated homes only.
 - Home Energy Assessment is required to receive rebate.
 - Insulation projects must conform to the 2015 International Energy Conservation Code (IECC).
 - Insulation projects must conform to the following R-values (an R-value is the measurement of a material's ability to impede heat flow; the higher the R-value the better the insulation):

- Ceiling: R-49
 - Wood frame wall: R-20 cavity insulation and R-5 continuous or R-13 cavity insulation and R-10 continuous
 - Mass wall: R-19; R-20 if more than 1/2 the insulation is located interior surface of the mass wall
 - Floor: R-30 to R-38
 - Basement and basement wall: R-15; R-19 if more than 1/2 the insulation is located on the interior surface of the basement wall
- Air sealing must be completed prior to adding insulation, unless you are already at or below 0.35 Natural Air Changes per Hour (NACH)
 - If space or R-value limitations apply, a custom rebate may be available.

Windows & Doors: 25% of project cost, up to \$500

- Stipulations:
 - Electrically-heated homes only.
 - Home Energy Assessment is required to receive rebate.
 - New windows must have a U-value of 0.28 or lower. This number measures how well a window prevents heat from escaping; the lower the number, the better the product is at reducing heat loss.
 - All window units must be upgraded to energy efficient model. This rebate is designed to support a “whole-house” approach.
 - Skylights must have a U-factor of 0.55 or lower
 - Sliding glass doors must have a U-factor of 0.28 or lower
 - Insulated doors (including 1/2 lites) are not eligible

Refrigerator: \$100 for refrigerator recycling

- If purchasing a new refrigerator, it must be an ENERGY STAR certified model.
 - Two ways this rebate applies:
 1. Recycle your old second refrigerator and do not replace it.
 2. Replace your old refrigerator with an ENERGY STAR model, and recycle your old model.
 - Recycling Information

1. Many appliance retailers will remove and recycle your old refrigerator for free, with your purchase of a new refrigerator.
2. For recycling on your own, contact any of the following companies who provide this service:
 - Pitkin County Landfill: \$6.50 to drop off the refrigerator if freon is already removed.(Pitkin County residents receive a \$100 annual credit).
 - Alltemp: 927-8304.\$45 if dropped off at 2550 Highway 82 Unit C-120 in Glenwood Springs or \$120for pickup.
 - Jesse Dempsey Refrigeration: 379-4819. \$75 – \$125.
 - Valley Refrigeration: 945-9859. Pricing varies depending on size of the unit, freon removal etc. Call to get a quote.

Ductless Heat Pump (mini-split): 25% of project costs up to \$500

- Stipulations:
 - Must be ENERGY STAR certified
 - Rebate not available to air-conditioning only systems

Programmable Thermostats: 25% of project cost to \$100 per property

- City of Aspen Electric customers with electric or gas-heated homes eligible for rebate. (Gas furnaces or boiler heating systems use electricity for fans and pumps.)
- Your old, mercury-containing thermostats with their covers on may be dropped off at the Aspen Environmental Health & Sustainability Department's office (located on 2nd floor of Aspen City Hall), any ACE Hardware store, or at the Household Hazardous Waste Collection Facility at the Pitkin County Landfill.

Electric Tank Water Heater (domestic hot water): 25% of project cost up to \$100

- Stipulations:
 - Must be an ENERGY STAR certified model

Electric Heat Pump Water Heater (domestic hot water):25% of project cost up to \$500

- Stipulations:
 - Must have an Energy Factor (EF) of 2.0 or greater.

LED Lighting: 25% of project cost up to \$500

- Stipulation:
 - Minimum project cost of \$50
- Compact Fluorescent Lightbulbs (CFLs) contain mercury.

- You can properly dispose of your CFLs or thermostats by dropping them off at the following locations: The ACE Hardware in Aspen, the Pitkin County Landfill, the City of Aspen Environmental Health Department, and Alpine Bank.

Heat Tape Timers: 25% of project cost up to \$200

- Stipulations:
 - Must be hardwired by a licensed electrician.

Heat Tape Moisture Sensors: 25% of project cost up to \$200

Toilets (Water Sense): 50% of toilet cost up to \$75 per toilet, maximum rebate of \$375 per property

- Customers of City of Aspen Water are eligible for this rebate.
- Please use this [Rebate Application](#) to apply for your Water Sense toilet rebate.
- Stipulations:
 - Toilets must be Water Sense certified.
 - For replacement of existing toilets only.



Custom Rebate: 25% of project cost up to \$500. Inquire for more information

- Rebate: Projects not included in our prescriptive rebate list can apply for a Custom Rebate. Email Ryland.French@CityOfAspen.com to inquire.
- Stipulations:
 - Projects must save electricity or water.
 - Projects not included in our prescriptive rebate list can apply for a Custom Rebate.
 - The project will be reviewed for approval by staff.

Efficiency Measures for Multi-Family

Various Projects (see single-family list for examples)

- Rebate: 25% of project cost, up to \$300 per household/unit. Maximum combined rebate for solar PV rebates and energy efficiency rebates capped at \$5,000 per multi-family entity.

Renewables for Single-Family

Solar Photo Voltaic (PV)

- Rebate: \$0.75 per installed watt up to \$2,250.
- Requirements to Install PV on Aspen Electric:
 - You must be a customer of Aspen Electric
 - The solar PV system may not be sized to produce more than 100% of the average annual energy use of the electric account over the previous three years, or more than 100% of the expected consumption for the new construction.
 - An Electrical Permit Application must be approved by the City of Aspen Building Department prior to install. The system must pass the final inspection from the Building Department.
 - Submit an [Application for Solar PV Installation](#) with the Electrical Permit Application.
 - After your Application for PV Installation has been approved, you will be emailed the [Small Generation System Interconnection Agreement](#) to be completed and returned. Please note this Agreement must include:
 - Small Generation Facility One Line Diagram
 - Relaying and Metering Diagram, if applicable
 - Insurance certificate
 - City of Aspen Electric metering requirement: All City of Aspen municipal electric customers with connected photovoltaic panels shall be equipped with an electric net meter. In addition, new PV installations shall be designed with and install a second meter housing exclusive to monitoring PV production. Production meter shall be located in the immediate vicinity of the net meter, readily accessible, maintainable, and readable by metering personnel. During the design phase, contact the [City of Aspen Electric Department](#) to determine the location of the production meter or waiver of this requirement.
- Requirements to receive Solar PV Rebate from City of Aspen Electric:
 - Rebates available on a first come, first-served basis, while solar PV rebate funding lasts.
 - All requirements listed above to install PV on Aspen Electric must be met.
 - You must have a Home Energy Assessment performed prior to installing solar PV (new construction exempt).

- Rebates are not available for systems installed to offset all or part of a building-code mandated installation, i.e. Renewable Energy Mitigation Program (REMP). However, solar PV systems that are two kilowatts larger than what is required by REMF are eligible for the PV rebate.
- A web-connected energy monitoring system is required.
- Rebate application must include a final electrical inspection and a PV Watts Report.

Groundsource Heat Pump

- Rebate: 25% of project cost up to \$3,000.
- Special Stipulations:
 - You must be a customer of Aspen Electric.
 - The ground source heat pump must be Energy Star certified.
 - Prior approval must be received from the City of Aspen utility efficiency office prior to the install of the project, for the project to be eligible for the rebate. Email utilityefficiency@cityofaspen.com with the following information:
 1. Name and # of project manager or contact
 2. Project location
 3. Proposed heat pump size
 4. Proposed total cost

Renewables for Multi-Family

Solar Photo Voltaic (PV)

- Rebate: \$0.75 per installed watt up to \$2,250 per utility account. Maximum combined rebate for solar PV rebates and energy efficiency rebates capped at \$5,000 per multi-family entity.
- Requirements to Install PV on Aspen Electric:
 - You must be a customer of Aspen Electric
 - The solar PV system may not be sized to produce more than 100% of the average annual energy use of the electric account over the previous three years, or more than 100% of the expected consumption for the news construction.
 - An Electrical Permit Application must be approved by the City of Aspen Building Department prior to install. The system must pass the final inspection from the Building Department.

- Submit an [Application for Solar PV Installation](#) with the Electrical Permit Application.
 - After your Application for PV Installation has been approved, you will be emailed the [Small Generation System Interconnection Agreement](#) to be completed and returned. Please note this Agreement must include:
 - Small Generation Facility One Line Diagram
 - Relaying and Metering Diagram, if applicable
 - Insurance certificate
 - City of Aspen Electric metering requirement: All City of Aspen municipal electric customers with connected photovoltaic panels shall be equipped with an electric net meter. In addition, new PV installations shall be designed with and install a second meter housing exclusive to monitoring PV production. Production meter shall be located in the immediate vicinity of the net meter, readily accessible, maintainable, and readable by metering personnel. During the design phase, contact the [City of Aspen Electric Department](#) to determine the location of the production meter or waiver of this requirement.
- Requirements to receive Solar PV Rebate from City of Aspen Electric:
 - Rebates available on a first come, first-served basis, while solar PV rebate funding lasts.
 - All requirements listed above to install PV on Aspen Electric must be met.
 - An energy assessment (sampling of units) must be performed prior to installing solar PV, unless the solar PV offsets energy use on the property's common meter only (new construction exempt).
 - Rebates are not available for systems installed to offset all or part of a building-code mandated installation, i.e. Renewable Energy Mitigation Program (REMP). However, solar PV systems that are two kilowatts larger than what is required by REMF are eligible for the PV rebate.
 - A web-connected energy monitoring system is required.
 - Rebate application must include a final electrical inspection and a PV Watts Report.

Contact

Please contact Ryland French, the City of Aspen Resource Efficiency Specialist at 970.429.1969 or Ryland.French@CityofAspen.com with any energy efficiency, water efficiency or renewable energy questions.