

City of Boulder Residential Rebates

Funded by the city's Climate Action Plan (CAP) Tax

Upgrades must be installed by an EnergySmart qualified contractor to be eligible for rebates	
Equipment and Insulation	Eligibility
Up to \$650 per upgrade – one upgrade per household	
ENERGY STAR Ground Source Heat Pump with desuperheater	5.5 tons or smaller
Up to \$400 per upgrade – one upgrade per household	
ENERGY STAR Cold Climate Rated Air Source Heat Pump (inc Mini-Splits Cooling & Heating units)	HSPF ≥10/EER ≥12.5/SEER≥18/COP ≥ 1.75@5 ° F. Must be NEEP.org certified.
ENERGY STAR Ground Source Heat Pump	5.5 tons or smaller
Up to \$ 250 per upgrade – maximum of three per household	
Non-Cold Climate Rated ENERGY STAR Air Source Heat Pump (inc. Mini-Split Cooling & Heating units)	HSPF ≥9/EER ≥12.5/SEER ≥16
ENERGY STAR Electric Heat Pump Water Heater	Must be rated minimum of 2.00 Energy Factor. See Energy Advisor for list of qualifying equipment.
Attic Insulation & Air Sealing	R-49 minimum required in open attic; cathedral ceilings will vary with rafter depth. Must perform air sealing in attics prior to adding insulation.
Wall Insulation & Air Sealing	R-19 minimum; fill wall cavity where R-19 not possible.
Foundation (Crawl Space or Basement) Insulation & Air Sealing	R-19 minimum on foundation walls with a vapor-permeable air barrier over insulation. Must have sealed vapor barrier over dirt crawl space floor and crawl ventilation required, per 2012 IECC.
Sub-Floor or Frame Floor Insulation & Air Sealing	R-30 minimum, over unconditioned space only (i.e., cantilevers, floors over unconditioned crawl, over garage, etc.). Fill enclosed floor cavities when R-30 is not possible.
Professionally Applied Air Sealing (No Do-It-Yourself!)	Air infiltration levels must be measured by a blower door before & after improvement. Mechanical ventilation recommended if air changes/hour are below 0.35 NACH.

Does not require use of an EnergySmart contractor to be eligible for rebates

Sales Tax Rebates

Solar Rebates

Eligibility

Solar PV & Solar Thermal

The City of Boulder offers a sales and use tax rebate on solar electric or solar thermal (hot water) systems. The city may rebate approximately 15 percent of the city sales and use tax paid on materials and permits for the solar installation. For more information, please visit the city's [solar rebate and grant program page](#)

Does not require use of an EnergySmart contractor to be eligible for rebates

Boulder has carbon emissions reduction and renewable energy goals, which can be viewed [here](#). Reducing natural gas use in residential homes through electrification of heating systems provides environmental, health, comfort and financial benefits, particularly when done in conjunction with adding solar to a home.

Consider these upgrades to switch fuel sources used by your heating and cooling systems and add solar to receive additional rebates up to \$1,500. Can be combined with equipment and insulation upgrade rebates.¹

Fuel Switching Rebates	Eligibility
Replace natural gas equipment	New installation of electric equipment. \$500 per unit up to \$1,000
Remove ² a natural gas furnace or boiler	ENERGY STAR Cold Climate Rated Air Source Heat Pump (inc Mini-Splits Cooling & Heating units) Must be NEEP.org certified.
	ENERGY STAR Ground Source Heat Pump
	Non-Cold Climate Rated ENERGY STAR Air Source Heat Pump (inc. Mini-Split Cooling & Heating units)
Modify natural gas furnace with heat pump add-on	Ducted split system with controls to use the heat pump as the primary and the gas furnace as back-up or secondary heat source.
Remove natural gas water heater	ENERGY STAR Electric Heat Pump Water Heater
Solar	Installation of solar PV (requires removal of either a natural gas furnace or natural gas water heater)
Solar PV	\$500 per installation

¹ Must meet eligibility requirement, including use of an EnergySmart qualified contractor, to be eligible for equipment and insulation rebates.

² Boiler systems do not require physical removal as long as there is documentation from installer indicating heat pump installation is appropriately sized to meet the heating needs for the home.

Conditions apply:

- The property owner MUST fully enroll with EnergySmart BEFORE any work is completed. Work completed before EnergySmart enrollment is NOT eligible for rebates.
- Rebates are only available for upgrades completed on residential units within the City of Boulder and are funded by the City of Boulder's Climate Action Plan (CAP) tax.
- Rebate funds are limited, subject to change, and will be awarded on a first-come, first-served basis.
- Rebates will be awarded based on the levels published at the time that an invoice for work completed has been submitted to EnergySmart.
- To be eligible for EnergySmart services and rebates, all work must meet all applicable building or energy codes, all required permits must be obtained, and **Combustion Appliance Zone (CAZ) testing must occur as a health/safety measure before and after the upgrade depending on the type of upgrade.**
- Unless otherwise specified, any product or installation must meet current ENERGY STAR standards at minimum, if such standards exist for that given product or application.
- Rebates cannot exceed the cost of the upgrade after all other rebates are applied.
- Upgrades must be installed between January 1, 2019 and December 31, 2019 to be eligible or until rebates last.
- **Fuel switching upgrades may require additional verification** to ensure displacement and/or replacement. Please contact an EnergySmart Advisor early to discuss improvements and verification for these rebates. Invoices and pictures are part of the rebate process.