COLORADO	Reside

Energy used by Colorado singlefamily homes that can be saved through costeffective

improvements

entia Energy Efficiency Potential

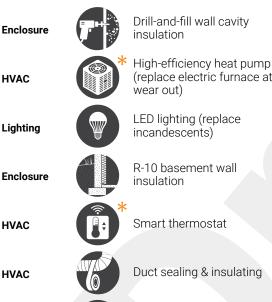
Colorado

Cost-effective package savings potential in Colorado singlefamily homes

1	\$ 511.2 million	dollars per year utility bill savings
	22.9 trillion	Btu per year gas, propane, and fuel oil savings
29,756	2.5 billion	kWh per year electricity savings
olorado jobs in energy efficiency (2016) ¹	es 685,994	cars of pollution reduction
Colorado Utility B	ill Savings (electricity, gas, p	propane, and fuel oil)
Statewide	Average Annual Savings per Household	

Colorado Top 10 Improvements

* Pays back in less than 5 years for most households



(replace electric furnace at wear out) LED lighting (replace incandescents)

R-10 basement wall insulation

Smart thermostat

HVAC

Enclosure

HVAC

Duct sealing & insulating

Insulate attic to R-38/49/60 Ductless heat pump

¹U.S. Department of Energy. January 2017. U.S. Energy and Employment Report

(displaces electric

Enclosure

Enclosure

baseboard) R-10 crawlspace walls R-5 insulated wall sheathing (at siding replacement)



Economic potential savings estimates were produced using **ResStock**, a highly granular model of the U.S. single-family housing stock. Visit http://www.nrel.gov/buildings/resstock.html for more information. Economic potential is based on improvements with positive net present value for building owners, assuming full turnover of the stock of equipment and appliances over a 30 year period. This work was supported by the U.S. Department of Energy Building Technologies Office and the Office of Energy Policy and Systems Analysis. Point of contact: Erin Boyd, Erin.Boyd@hq.doe.gov Technical Reference: Wilson, E., Christensen, C., Horowitz, S., Robertson, J., Maguire, J.: *Electric End-Use Energy Efficiency Potential in the U.S. Single-Family Housing Stock*. NREL/TP-5500-65667. National Renewable Energy Laboratory (NREL), 2016. http://www.nrel.gov/docs/fy17osti/65667.pdf



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