

DEEMED SAVINGS TECHNICAL ASSUMPTIONS

Program: Multifamily Buildings - CO

Description:

Multifamily buildings that are electric and natural gas customers can receive an energy assessment and direct-install measures they are eligible for based on the assessment at no additional cost. These customers will also be eligible to participate in larger, capital-intensive projects that offer rebates for custom and prescriptive measures.

Program References:

Measure "Direct Install - LED"	Refer to Product "CO Home Lighting & Recycling" for calculation methodology. See table 1 for incremental cost of measures.
Measure "Direct Install - Low-Flow Showerhead"	Refer to Product "CO Energy Efficient Showerheads" for calculation methodology. See table 1 for incremental cost of measures.
Measure "Direct Install - Kitchen Aerator"	Refer to Product "CO Energy Efficient Showerheads" for calculation methodology. See table 1 for incremental cost of measures.
Measure "Direct Install - Bath Aerator"	Refer to Product "CO Energy Efficient Showerheads" for calculation methodology. See table 1 for incremental cost of measures.
Measure "Direct Install - LED Exit Sign"	Refer to Product "CO Lighting Efficiency" for calculation methodology. See table 1 for incremental cost of measures.
Savings for Measure "Energy Star Smart Thermostats"	Refer to Product "Commercial Building Controls" to find equations (Customer kW, Customer kWh, Customer PCKW, Customer Dth, etc.) for the "Energy Star certified smart thermostat - AC & GAS", "Energy Star certified smart thermostat - AC ONLY", and the "Energy Star certified smart thermostat - AC & ELEC HEAT" electric and gas measures.
Savings for Measure "Average Multifamily Unit with EnergyStar Smart Thermostat"	Refer to Product "Smart Thermostat & Optimization" to find equations (Customer kW, Customer kWh, Customer PCKW, Customer Dth, etc.) for the "Energy Star certified smart thermostat - Combo Customer" electric and gas measures.

Variable ID	Value	Description
NTG	100%	Net-to-gross factor.
Incremental Cost	See Table 1	Incremental cost of direct install measures

Table 1	Incremental Cost
Showerhead - Regular	\$14.88
Showerhead - Handheld	\$21.02
Kitchen Aerator	\$5.20
Bath Aerator	\$4.17
Bath Aerator 0.5GPM	\$4.22
LED Globe	\$5.45
LED A19 Energy Star Rated Lamp	\$5.35
LED Candelabra	\$5.41
LED BR30 Flood	\$5.48
LED Exit Kit	\$24.78
Energy Star Smart Thermostat - In-Unit*	\$180.51
Energy Star Smart Thermostat - Common Areas*	\$175.00

*Costs are re-evaluated throughout the year and updated to account for the rapidly evolving market.
The incremental cost to install the thermostats is split between the demand response and energy efficiency programs.

Inputs Provided by Customer or Vendor:	Verified during M&V:
Wattage of LEDs installed	Yes
Quantity of each Wattage of LEDs installed	Yes
Quantity of primary showerheads installed	Yes
Quantity of handheld showerheads installed	Yes
Quantity of kitchen faucet aerators installed	Yes
Quantity of bathroom faucet aerators installed	Yes
Quantity of water heater blankets installed	Yes
Quantity of LED Exit sign retrofits installed	Yes