

BPS Potential Impact Numbers

Proposed Covered Building Use

- 40% of all Fort Collins building electricity is used by covered buildings (including residential and industrial properties).
- 32% of covered buildings already meet proposed targets.

Greenhouse Gas Impacts

The tables below show the costs and associated emissions avoided through meeting the policy's targets. The emissions shown reflect the policy's estimated impact on the Community's 2030 Greenhouse Gas Inventory, contributing to the related OCF goals.

The single-year emissions impact is different than the savings shown in the 'BPS Cost Benefit Analysis' document. That document reflects the cumulative savings over a 10-year period of implementation to estimate the policy's overall cost benefit.

These tables calculate the difference between the current and proposed EUI targets for each covered building within Fort Collins city limits. They also demonstrate the impact of caps (see Community Contributor Recommendations for more details on recommended EUI reduction caps).

The 'Locally Covered Buildings' table directly below excludes buildings over 50,000 square feet (ft²) that would be covered by the State of Colorado's BPS (see Community Contributor Recommendations for more details).

Locally Covered Buildings - Impact of Meeting Performance Targets			
	Cost per Building (\$)	Cost per Built Area (\$/ft²)	GHG Emissions Avoided (MTCO₂e in 2030)
with Reduction Cap	\$161,000 to \$174,000	\$4.65 to \$5.02	53,000 to 59,000
without Reduction Cap	\$272,000 to \$294,000	\$7.85 to \$8.48	88,000 to 97,000

The 'State and Local Covered Buildings' table (below) includes all potentially covered buildings above 5,000 ft², including those covered by the State of Colorado BPS.

State and Local Covered Buildings - Impact of Meeting Performance Targets			
	Cost per Building (\$)	Cost per Built Area (\$/ft²)	GHG Emissions Avoided (MTCO₂e in 2030)
with Reduction Cap	\$183,000 to \$197,000	\$4.60 to \$4.97	65,000 to 72,000
without Reduction Cap	\$300,000 to \$324,000	\$7.57 to \$8.17	105,000 to 116,000

The 'Locally Covered Buildings by Building Size' table below demonstrates the cost and emissions by building size aligning with recommended cohorts (see Community Contributor Recommendations) and excludes buildings that would be covered by the State of Colorado BPS.

Locally Covered Buildings - Impact of Meeting Performance Targets by Building Size			
Building Area (ft²)	Cost per Building (\$)	Cost per Built Area (\$/ft²)	GHG Emissions Avoided (MTCO₂e in 2030)
5,000 to 10,000	\$29,000 to \$33,000	\$4.11 to \$4.56	2,000 to 3,000
10,000+	\$214,000 to \$231,000	\$4.69 to \$5.05	51,000 to 56,000

For reference, over the last decade, the average permit work valuation was \$260,000 for commercial general alterations and \$200,000 for commercial tenant finishes.