

BOULDER BUILDING PERFORMANCE

Requirements for existing commercial and industrial buildings

To help achieve our community energy goals, this ordinance requires owners to:

- Annually rate and report building energy use
- Perform energy assessments every ten years
- Perform building tune-ups every ten years and implement cost-effective measures within two years of the study
- Implement one-time lighting upgrades

* High performance buildings are exempt from the required energy assessments and efficiency measures

RATING & REPORTING (R&R)

Measuring and comparing building energy performance metrics

Providing energy use and associated metrics to the city and tenants of the building

COMMUNITY AND ECONOMIC BENEFIT

Estimated **annual** impact of efficiency improvements as a result of the ordinance:

GHG reduction equivalent to taking more than **21,000** cars off the road



\$8.5 to \$14 million net economic benefit



Cities with similar commercial energy requirements



Impacted buildings in Boulder

53% of Boulder's total GHG emissions come from commercial & industrial buildings

Buildings that rate their energy performance typically attain an average annual

ENERGY SAVINGS of 2 to 3%

WHO IS IMPACTED?

Building Owner



Business Tenant



WHAT IS REQUIRED?

- Annually rate and report building energy use
- Perform energy assessments every ten years
- Perform building tune-ups every ten years and implement cost-effective measures within two years of the study
- Implement one-time lighting upgrades
- Work with your building owner to share your energy bills and allow access to your space
- Better understand the energy performance of your space/building
- Collaborate with owner to reduce energy waste

ORDINANCE BENEFITS



IMPROVE the quality of Boulder's commercial building stock



SAVE MONEY through cost-effective efficiency measures



HELP building owners understand and manage their buildings' energy use



EDUCATE tenants and real estate professionals about building energy performance



INFORM future energy programs and services



MARKET buildings in compliance as efficient and high performing

KEY

- Existing buildings > 50,000 sq ft
New buildings > 10,000 sq ft
City-owned buildings > 5,000 sq ft
- Existing buildings > 30,000 sq ft
- Existing buildings > 20,000 sq ft

Building efficiency continuously improves

