

BOULDER BUILDING PERFORMANCE

Proposed requirements for existing commercial and industrial buildings

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

- Rate and report building energy use every year
- Complete building energy assessments every 10 years
- Implement basic efficiency measures (building system tune-ups every 10 years and 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

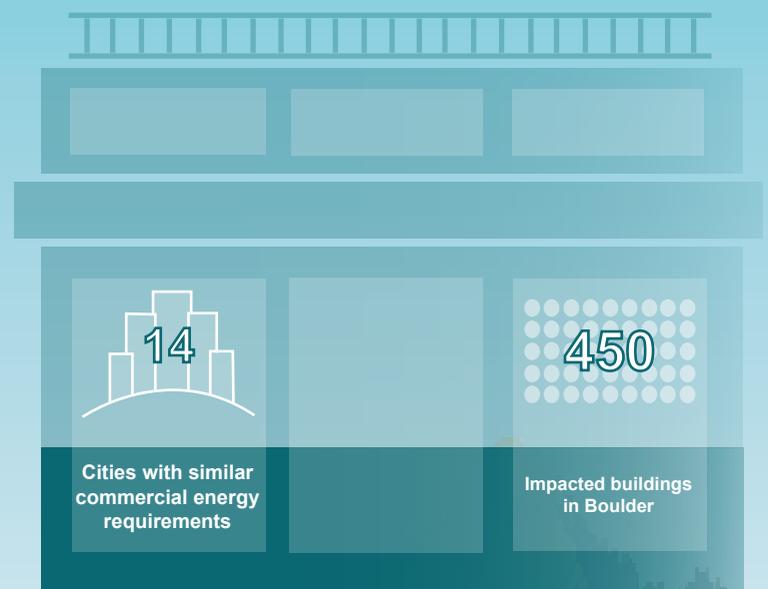
COMMUNITY AND ECONOMIC BENEFIT

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

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



\$8.5 to \$14 million net economic benefit



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 WOULD BE IMPACTED?

Building Owner



Business Tenant



WHAT WOULD BE REQUIRED?

- Collect whole building energy use data each year
- Enter this data into ENERGY STAR Portfolio Manager (ESPM)
- Share ESPM data with the City of Boulder and your tenants
- Implement required efficiency measures
- 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

