

# CITY OF LANDER GREENHOUSE GAS REDUCTION TARGETS



## What are municipal GHG targets?

Municipal greenhouse gas (GHG) targets set quantifiable goals for the city to reduce GHG emissions emitted from its operations. This includes wastewater treatment, solid waste disposal, vehicle fuel consumption, and powering and heating buildings. Municipal targets do not address the residential or commercial sectors.

## Co-Benefits

### Cost Savings

Many of the activities that lower GHG emissions also save the city money – especially when paired with grants. Think energy efficiency, renewable energy, and fuel efficiency.



### Public Safety & Resilient Infrastructure

Hardening the city's critical infrastructure and essential services to grid failure increases public safety. Solar systems with battery storage can work with traditional generators to keep the police department and servers up and running during a disaster.



### Environmental Quality

Whether it's adhering to higher environmental standards, creating less pollution, or being less wasteful, improving environmental quality trickles down to benefiting our community and our wildlife.



### Quality of Life

Residents and visitors alike enjoy more trees, better street lighting, and intact ecosystems. GHG targets help promote just that.



## What other communities are doing



The most common target is 100% GHG reduction by 2050. This is the target that Laramie adopted. Red Lodge, MT adopted a 50% reduction by 2040 goal; however, they are already ahead of schedule and chose to advance their target to 2035.



### 80% Reduction Target

The E&E Task Force recommends that city council adopt a resolution to achieve 80% reduction in municipal GHG emissions from 2021 baseline levels by year 2050. Interim goals in years 2030 and 2040 would help keep us on track. We believe this target is ambitious yet achievable.

E&E chose an 80% goal realizing that the last few percentage points might be the most difficult and the most costly to obtain. City council can always reassess this target down the road.

### Grants

Grants that support city projects in vital areas such as infrastructure, clean energy, and workforce development are plentiful and competitive. A clear city goal that aligns with funding organizations' goals improves our chance of winning funding.



### Alignment



Projects that help the city meet GHG targets, such as improved energy efficiency, equipment replacement, and tree planting, align with city's strategic and master plans. These projects can be implemented on current replacement schedules or earlier due to available funding assistance.

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