

ENERGY ACTION PLAN

SUMMARY



VISION

The vision of this plan is to energize action and build a strategic framework for the City's efforts to be a resource and energy efficient community.

Specifically, this plan aims to:

- Encourage energy efficient homes and businesses,
- Move Fayetteville towards energy independence,
- Promote a culture of innovation,
- Improve public health,
- Achieve cleaner air, water and soil,
- Encourage resilient local businesses,
- Promote a collective understanding of climate change, and
- Leave a legacy of stewardship for future generations of Fayetteville residents.



SCOPE

The Energy Action Plan addresses Fayetteville's current conditions in the four areas listed below, sets goals for improvement, and provides detailed implementation steps to achieve a more energy and resource efficient future.



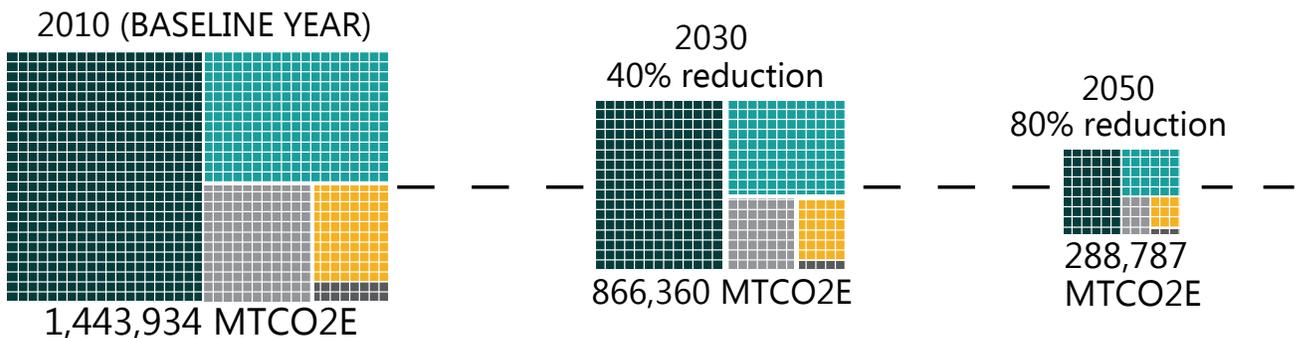
OUTCOMES

By taking action in the four areas listed above, the City of Fayetteville will strive to achieve a community-wide reduction in greenhouse gas (GHG) emissions, measured in total metric tons of carbon dioxide equivalent (MTCO₂E).

THE 'BIG FIVE' EMISSIONS SOURCES



FAYETTEVILLE'S GHG REDUCTION GOALS



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CITY GOALS
COMMUNITY GOALS

The following goals were determined through a process of peer city research, community input, City staff alignment, expert stakeholder guidance, and administrative review.



CROSS-SECTOR:

- Reduce average housing and transportation costs to 45% of area median income
- Develop and expand Fayetteville's reputation as a hub for socially and economically responsible businesses, entrepreneurship, and green jobs
- Build local support for national carbon emissions reduction and carbon capture strategies



BUILDINGS:

- Complete periodic feasibility analyses of building energy code updates
- Achieve 3% annual reduction in overall energy use in buildings
- Improve the health, distribution, coverage, and effectiveness of Fayetteville's urban forest



ENERGY SUPPLY:

- Achieve 50% community-wide clean energy by 2030
- Achieve 100% community-wide clean energy by 2050



TRANSPORTATION:

- Reduce per capita vehicle miles traveled to 2010 levels by 2030
- Achieve 25% bike/walk/transit mode share by 2030



WASTE:

- Achieve 40% total waste diversion from the landfill by 2027



CITY OF
FAYETTEVILLE
ARKANSAS

GOALS FOR CITY GOVERNMENT OPERATIONS:

- Achieve 40% reduction in GHG emissions by 2030, from baseline year of 2010
- Achieve 80% reduction in GHG emissions by 2050, from baseline year of 2010
- Achieve 100% clean energy by 2030
- Achieve 3% annual energy use reduction in City facilities

MORE INFORMATION AVAILABLE AT WWW.FAYETTEVILLE-AR.GOV/ENERGYACTIONPLAN

"Climate change poses a very serious threat, but also a significant economic opportunity for our City and our nation. Fayetteville is committed to working with leaders of other cities, states, universities, and businesses to combat climate change by supporting a low-carbon economy and creating good jobs in energy efficiency and renewable energy." -Mayor Lioneld Jordan