Fayetteville Sustainability and Resilience Action Amid the COVID-19 Pandemic

Peter Nierengarten, PE
Environmental Director
pnierengarten@fayetteville-ar.gov

http://www.fayetteville-ar.gov/Sustainability
FAYETTEVILLE BY THE NUMBERS

**FASTEST GROWING CITY IN ARKANSAS**
Fayetteville's population is growing faster than any other city in the state and is expected to increase 10% by 2020.

**$65,674 AVERAGE HOUSEHOLD INCOME**

**NO. 1 BEST AFFORDABLE PLACES TO LIVE**
U.S. News & World Report

**NO. 3 BEST CITY TO FOUND A COMPANY OUTSIDE OF SILICON VALLEY AND NY**
DataFox

**SILVER BICYCLE FRIENDLY COMMUNITY**
League of American Bicyclists

**4TH IN THE U.S. FOR LOWEST COST OF BUSINESS**
Source: CNBC, 2015

**45% OF FAYETTEVILLE RESIDENTS HOLD A BACHELOR'S DEGREE OR HIGHER**

**FAYETTEVILLE COST OF LIVING IS 9% BELOW THE AVERAGE IN THE UNITED STATES**

**CENTRAL LOCATION**
Fayetteville’s location in the heart of the U.S. and along Interstate 40 provides an expansive transportation foundation for manufacturing.
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

**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 Lionel Jordan
MARCH 19 UPDATE: CURBSIDE RECYCLING TO BE SUSPENDED

#FYVCOVID

40% Waste Diversion Goal

EAP Actions
• Expanded Multi-Family and Business Recycling
• Commercial Food Waste Composting
• Construction & Demolition Waste

Changes/Impacts
• Curbside Recycling Suspension
• Service & Revenue Cuts
• Drop in Commercial Food Waste Collection
• Increasing Compost Sales
• Delay EPS Ban and Single Use Disposable Bag Legislation

New Programs
• 4 New Recycling Drop-off Locations
• New Food Waste Drop-off Locations
Transportation

Goals
• Reduce VMT to 2010 levels
• 25% bike/walk/transit mode share

Impacts
• 40% drop in passenger vehicle traffic
• 10% drop in truck traffic
• Trail use up 55%
• Micro Mobility
  • Spin furloughed e-scooters
  • VeoRide Launched e-scooters – March 17th
  • E-bike ride length has increased
  • Rides per day down but length of ride is up
  • Hub shifts – Grocery stores
Goals
• Reduce Building Energy Consumption
• Increase Clean Energy Supply

Previous Work
• 10 MW Solar and 24 Mwh Battery Storage
• LED Building retrofits
• LED Street & Trail Lights

New Projects
• 5 MW Solar
• LED Street Lights
• WWTP BioGas Production
• EV Charging Stations
2019 GHG Inventory

2010-2019 Community-wide Greenhouse Gas Inventory

MTCO2

MTCO2 per Capita

Electric
VMT
Gas Usage
Landfill Waste
Wastewater
MTCO2 Per Capita
2014 Urban Ag Ordinance
• Expanded Farm Animals
• Expanded home product sales

Changes/Impacts
• Farmers Market relocated
• Decreased Farm to Table Restaurant Demand
• Unemployment & Food Insecurity

New Programs
• Restaurants can operate as grocers
• Compost Delivery
• Free Vegetable Starts
• Urban Agriculture Education
• School District Free Meals
CELEBRATE EARTH DAY!
Pledge to pick up litter and recycling for a free t-shirt and grabbers!
Thank You!

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City of Fayetteville, Arkansas