

# **AR Strategic Energy Framework: Impact on Transportation**

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**Arkansas Economic Development Commission – Energy Office  
900 West Capitol Avenue, Suite 400  
Little Rock, AR 72118**

# About AEO



- A division of the Arkansas Economic Development Commission
- Mission Statement:  
To promote energy efficiency, clean technology and sustainable strategies that encourage economic development, energy security and the environmental well-being of all citizens of Arkansas.

# Arkansas Clean Cities Coalition



**State Capital** - Little Rock

**Number of Counties** – 75

**Area** - 53,035 square miles

**Population** – 2,915,918 (2010 Census)

**Boundaries** – Entire state of Arkansas

**Designated** – October 25, 1995

**Alternative Fueling Stations:**

Biodiesel (B20 and above): 5

Natural Gas: 5

Ethanol (E85): 23

Electric: 19

Propane: 43



- Managed by the Arkansas Energy Office since March 2011
- Natural Gas has really taken off in Arkansas
- Industry supports 30,000+ Arkansas jobs

The Planning Team (tasked by Governor Mike Beebe)

- Arkansas Economic Development Commission- Energy Office (AEO)
- Arkansas Public Service Commission (APSC)
- Arkansas Department of Environmental Quality (ADEQ)

# Strategic Energy Plan Vision



- **Transform state and local government into leaders in building and transportation efficiency and sustainability.**
- Meet the full potential of our biomass resources.
- Increase our energy independence by maximizing EE and encouraging the development RE.
- Encourage an economic transformation for 21st Century green jobs.
- Environmental preservation and economic prosperity.

## Strategic Energy Framework



# Challenges/Barriers to Success

- Lack of infrastructure/need for additional CNG infrastructure along major corridors
- Price of alternative fueled vehicles
- Lack of available maintenance workers trained to work on these technologies



# Transportation Framework Recommendations



- Transportation Pathway
  - Recommendation #4: Propose one-time income tax credit to encourage installation of publicly available clean energy stations for CNG on or near interstate highways and defined population centers in Arkansas. Credits would also be available for installation of electric vehicle recharging stations in commercial buildings.

# Results

## Compressed Natural Gas

- Arkansas Clean Cities Coalition
- Arkansas joins multi-state effort to advance CNG
- Clean-Burning Motor Fuel Rebate Program (Act 532):
  - Vehicle Conversion and Infrastructure
  - ~\$1,000,000.00+
- Promotion of CNG stations scheduled to open Q4:
  - City of Little Rock, Little Rock, Arkansas (\$235,000)
  - Satterfield Oil, Conway, Arkansas (\$235,000)
- Pulaski Technical College:
  - Assisting with the development of a CNG Mechanics Training Program
  - Developing CNG Mechanics Licensure Program (as a complement)
- Assisting Central Arkansas Transit Authority with plan to acquire CNG buses
- Hosting additional First Responder Training courses



# Questions?



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