



**Overview**

**Resources and Consumption**

Arkansas has moderate energy resources. Substantial natural gas reserves are found in the Arkoma basin in western Arkansas and in the Gulf Coastal Plain in the south. Smaller oil reserves and coal deposits are also found in those regions. Several river basins, including the Lower Arkansas River, offer hydroelectric power potential. Areas of the State are also suitable for wind, wood, and wood waste power generation. Per capita energy use is high due in part to an energy-intensive industrial sector, which leads State energy consumption.

**Petroleum**

Arkansas extracts small amounts of crude oil mostly from stripper wells that produce less than 10 barrels per day in the southern part of the Gulf Coastal Plain of south Arkansas. Arkansas has two refineries located in the same region. Petroleum products are delivered to consuming regions by barge via the Arkansas and Mississippi Rivers. The TEPPCO pipeline also supplies petroleum products from Texas and Louisiana. Arkansas is one of the few States in the Nation that allow the statewide use of conventional motor gasoline. (Most States require the use of special fuel blends in non-attainment areas.)

**Natural Gas**

Arkansas natural gas production typically accounts for about 1 percent of annual U.S. output. Most of the State's natural gas production takes place in the Arkoma Basin, although several wells also operate in the Gulf Coastal Plain. In addition to conventional production, companies are beginning to extract small amounts of natural gas from coalbed methane deposits in the Arkoma Basin. Several major natural gas pipelines from Texas, Louisiana, and Oklahoma pass through the State on the way to Midwest and Northeast markets. Industrial sector natural gas consumption in Arkansas has declined in recent years. Until 2001, the

industrial sector accounted for more than half of the State's natural gas consumption but this share had fallen to two-fifths by 2005. Almost one-half of Arkansas households use natural gas as their primary energy source for home heating.

### Coal, Electricity, and Renewables

Coal and nuclear power are the dominant energy sources used for electricity generation in Arkansas, although natural gas and hydroelectric power are also important energy sources. Coal-fired power plants account for about one-half of the electricity produced within the State, and these plants rely entirely on coal deliveries from Wyoming. The State's only nuclear plant (the dual-unit Arkansas Nuclear One Plant in Russellville) typically generates more than one-fourth of the total electricity generated in the State. Hydroelectric power plants in the White River Basin in the north, along the Arkansas River in central Arkansas, and in the Ouachita River Basin in the south also contribute to electricity supply. About one-third of Arkansas households use electricity as their primary energy source for home heating.

## Data

### Economy

Population and Employment	Arkansas	U.S. Rank	Period
Population	2.9 million	32	2008
Civilian Labor Force	1.4 million	34	Jan-09
Per Capita Personal Income	\$30,060	49	2007
Industry	Arkansas	U.S. Rank	Period
Gross Domestic Product by State	\$95.4 billion	34	2007
Land in Farms	14.5 million acres	22	2002
Market Value of Agricultural Products Sold	\$5.0 billion	13	2002

### Prices

Petroleum	Arkansas	U.S. Avg.	Period
Domestic Crude Oil First Purchase	\$33.24/barrel	\$35.00/barrel	Jan-09
No. 2 Heating Oil, Residential	—	\$2.42/gal	Jan-09
Regular Motor Gasoline Sold Through Retail Outlets (Excluding Taxes)	\$1.26/gal	\$1.33/gal	Jan-09
State Tax Rate on Motor Gasoline (other taxes may apply)	\$0.22/gal	\$0.22/gal	Aug-08
No. 2 Diesel Fuel Sold Through Retail Outlets (Excluding Taxes)	—	\$1.78/gal	Jan-09
State Tax Rate on On-Highway Diesel (other taxes may apply)	\$0.23/gal	\$0.22/gal	Aug-08
Natural Gas	Arkansas	U.S. Avg.	Period
Wellhead	\$6.92/thousand cu ft	\$6.37/thousand cu ft	2007
City Gate	\$7.73/thousand cu ft	\$7.93/thousand cu ft	Jan-09
Residential	\$12.95/thousand cu ft	\$12.41/thousand cu ft	Jan-09
Coal	Arkansas	U.S. Avg.	Period
Average Open Market Sales Price	W	\$26.20/short ton	2007
Delivered to Electric Power Sector	\$ 1.72/million Btu	\$ 2.21 /million Btu	Jan-09
Electricity	Arkansas	U.S. Avg.	Period
Residential	8.94 cents/kWh	11.03 cents/kWh	Jan-09
Commercial	7.87 cents/kWh	10.03 cents/kWh	Jan-09
Industrial	6.14 cents/kWh	6.90 cents/kWh	Jan-09

➔ [See more Price data for all States](#)

### Reserves & Supply

Reserves	Arkansas	Share of U.S.	Period
Crude Oil	31 million barrels	0.1%	2007
Dry Natural Gas	3,305 billion cu ft	1.4%	2007

Natural Gas Liquids	3 million barrels	0.0%	2007
Recoverable Coal at Producing Mines	W	NA	2007
<b>Rotary Rigs &amp; Wells</b>	<b>Arkansas</b>	<b>Share of U.S.</b>	<b>Period</b>
Rotary Rigs in Operation	51	2.7%	2008
Crude Oil Producing Wells	7,740	1.5%	2008
Natural Gas Producing Wells	4,773	1.1%	2007
<b>Production</b>	<b>Arkansas</b>	<b>Share of U.S.</b>	<b>Period</b>
Total Energy	492 trillion Btu	0.7%	2006
Crude Oil	495 thousand barrels	0.3%	Nov-08
Natural Gas - Marketed	269,886 million cu ft	1.3%	2007
Coal	69 thousand short tons	NA	2008
<b>Capacity</b>	<b>Arkansas</b>	<b>Share of U.S.</b>	<b>Period</b>
Crude Oil Refinery Capacity (as of Jan. 1)	77,500 barrels/calendar day	0.4%	2008
Electric Power Industry Net Summer Capability	15,296 MW	1.5%	2007
<b>Net Electricity Generation</b>	<b>Arkansas</b>	<b>Share of U.S.</b>	<b>Period</b>
Total Net Electricity Generation	4,706 thousand MWh	1.3%	Jan-09
Petroleum-Fired	27 thousand MWh	0.6%	Jan-09
Natural Gas-Fired	701 thousand MWh	1.1%	Jan-09
Coal-Fired	2,247 thousand MWh	1.3%	Jan-09
Nuclear	1,300 thousand MWh	1.8%	Jan-09
Hydroelectric	284 thousand MWh	1.2%	Jan-09
Other Renewables	140 thousand MWh	1.3%	Jan-09
<b>Stocks</b>	<b>Arkansas</b>	<b>Share of U.S.</b>	<b>Period</b>
Motor Gasoline (Excludes Pipelines)	537 thousand barrels	0.9%	Jan-09
Distillate Fuel Oil (Excludes Pipelines)	671 thousand barrels	0.6%	Jan-09
Natural Gas in Underground Storage	11,781 million cu ft	0.2%	Jan-09
Petroleum Stocks at Electric Power Producers	207 thousand barrels	0.5 %	Jan-09
Coal Stocks at Electric Power Producers	2,390 thousand tons	1.5%	Jan-09
<b>Production Facilities</b>	<b>Arkansas</b>		
Major Coal Mines	None		
Petroleum Refineries	Cross Oil Refining & Marketing Inc (Smackover) • Lion Oil Co (El Dorado)		
Major Non-Nuclear Electricity Generating Plants	Union Power Partners LP (Union Power Partners LP) • Independence (Entergy Arkansas Inc) • White Bluff (Entergy Arkansas Inc) • Robert E Ritchie (Entergy Arkansas Inc) • Lake Catherine (Entergy Arkansas Inc)		
Nuclear Power Plants	Arkansas Nuclear One (Entergy Arkansas Inc)		

➔ **See more Reserves and Supply data for all States**

## Distribution & Marketing

<b>Distribution Centers</b>	<b>Arkansas</b>
Oil Seaports/Oil Import Sites	None
Natural Gas Market Centers	None
<b>Major Pipelines</b>	<b>Arkansas</b>
Crude Oil	Lion • Mid-Valley • Mobil.
Petroleum Product	Razorback • Sun • TEPPCO.
Liquefied Petroleum Gases	TEPPCO
Interstate Natural Gas Pipelines	ANR Pipeline Co. • Centerpoint Energy Gas Transmission Co. • Mississippi River Transmission Corp. • Natural Gas Pipeline Co. of America • Tennessee Gas Pipeline Co. • Texas Eastern Transmission Corp. • Texas Gas Transmission Co. • Trunkline Gas Co.

Fueling Stations	Arkansas	Share of U.S.	Period
Motor Gasoline	2,540	1.6%	2008
Liquefied Petroleum Gases	37	1.8%	2009
Compressed Natural Gas	3	0.4%	2009
Ethanol	4	0.2%	2009
Other Alternative Fuels	10	0.8%	2009

➔ [See more Distribution and Marketing data for all States](#)

## Consumption

per Capita	Arkansas	U.S. Rank	Period
<a href="#">Total Energy</a>	407 million Btu	13	2006
by Source	Arkansas	Share of U.S.	Period
<a href="#">Total Energy</a>	1,145 trillion Btu	1.2%	2006
<a href="#">Total Petroleum</a>	71,209 thousand barrels	0.9%	2007
<a href="#">Motor Gasoline</a>	34,962 thousand barrels	1.0%	2007
<a href="#">Distillate Fuel</a>	24,072 thousand barrels	1.6%	2007
<a href="#">Liquefied Petroleum Gases</a>	2,749 thousand barrels	0.4%	2007
<a href="#">Jet Fuel</a>	1,226 thousand barrels	0.2%	2007
<a href="#">Natural Gas</a>	226,437 million cu ft	1.0%	2007
<a href="#">Coal</a>	16,028 thousand short tons	1.4%	2007
by End-Use Sector	Arkansas	Share of U.S.	Period
<a href="#">Residential</a>	225,114 billion Btu	1.1%	2006
<a href="#">Commercial</a>	160,103 billion Btu	0.9%	2006
<a href="#">Industrial</a>	469,617 billion Btu	1.5%	2006
<a href="#">Transportation</a>	289,676 billion Btu	1.0%	2006
for Electricity Generation	Arkansas	Share of U.S.	Period
<a href="#">Petroleum</a>	46 thousand barrels	0.6%	Jan-09
<a href="#">Natural Gas</a>	4,724 million cu ft	1.0%	Jan-09
<a href="#">Coal</a>	1,332 thousand short tons	1.5%	Jan-09
for Home Heating (share of households)	Arkansas	U.S. Avg.	Period
<a href="#">Natural Gas</a>	49%	51.2%	2000
<a href="#">Fuel Oil</a>	0%	9.0%	2000
<a href="#">Electricity</a>	33%	30.3%	2000
<a href="#">Liquefied Petroleum Gases</a>	14%	6.5%	2000
<a href="#">Other/None</a>	4%	1.8%	2000

➔ [See more Consumption data for all States](#)

## Environment

Special Programs	Arkansas		
<a href="#">Clean Cities Coalitions</a>	Central Arkansas		
Alternative Fuels	Arkansas	Share of U.S.	Period
<a href="#">Alternative-Fueled Vehicles in Use</a>	2,817	0.5%	2006
<a href="#">Ethanol Plants</a>	0	0.0%	2008
<a href="#">Ethanol Plant Capacity</a>	0 million gal/year	0.0%	2008
<a href="#">Ethanol Use in Gasohol</a>	0 thousand gal	0.0%	2004
Electric Power Industry Emissions	Arkansas	Share of U.S.	Period
<a href="#">Carbon Dioxide</a>	29,852,236 metric tons	1.2%	2007
<a href="#">Sulfur Dioxide</a>	81,908 metric tons	0.9%	2007
<a href="#">Nitrogen Oxide</a>	41,001 metric tons	1.1%	2007

➔ [See more Environment data for all States](#)

— = No data reported; NA = Not available; W = Withheld to avoid disclosure of individual company data.  
 NM = Not meaningful due to large relative standard error or excessive percentage change.

**Update on April 23, 2009**

**New statistics for January 2009:**

- Prices of electricity sold to the residential, commercial, and industrial sectors
- Price of coal delivered to the electric power sector
- Net electricity generation by fuel
- Fuel stocks at electric power producers

**New statistics for 2007:**

- Electric power industry emissions and net summer capability