



Energy Foundation AR Energy Survey

5/7/09 - 5/11/09
600 Likely Voters

Q8. Are you 18 years or older and registered to vote in Arkansas?

n=600

Yes	100%
No	.
Don't know	.

Q9. In November of 2010, there will be a general election in Arkansas for Governor, U.S. Senate, Congress and other offices. While it is a long way off, how likely are you to vote in this election?

n=600

Absolutely certain	59%
Very likely	31%
Possibly	9%
Not very likely	.
Not at all likely	.
Don't know	.

Q10. Regardless of how you may be registered to vote, do you consider yourself a strong Democrat, weak Democrat, strong Republican, weak Republican, or an Independent or unaffiliated voter?

n=600

Strong Democrat	28%
Weak Democrat	5%
Strong Republican	19%
Weak Republican	6%
Independent/unaffiliated	42%
Don't know	1%
DEMOCRAT	32%
REPUBLICAN	25%
INDEPENDENT/DK	43%

Q11. Do you generally think that things the U.S. are headed in the right direction or are they on the wrong track?

n=600

Right direction	44%
Wrong track	50%
Don't know	6%

Q12. Which of the following issues do you consider your greatest concern?

n=600

Strengthening the economy and creating jobs	51%
Improving education	6%
Reducing the cost of health care	13%
Fighting terrorism	10%
Protecting the environment	2%
Reducing energy costs and developing alternative energy	8%
Iraq	3%
Other	6%
Don't know	0%

Q13. If next year's election for the House of Representatives were held today, would you vote for the <RQ13>

n=600

Democratic candidate	38%
Republican candidate	36%
Don't know	26%

Q14CMB. Thinking about America's energy needs in the future, which two of the following are the highest priority to you:

n=600

Protecting the Arkansas environment	18%
Preventing global climate change	14%
Saving consumers money by keeping energy prices low	41%
Reducing energy use by making homes and businesses more efficient	33%
Reducing America's dependence on foreign sources of energy	68%
All equally	2%
Don't know	1%

Q14_1. FIRST CHOICE: Thinking about America's energy needs in the future, which two of the following are the highest priority to you:

n=600

Protecting the Arkansas environment	6%
Preventing global climate change	6%
Saving consumers money by keeping energy prices low	21%
Reducing energy use by making homes and businesses more efficient	17%
Reducing America's dependence on foreign sources of energy	47%
All equally	2%
Don't know	1%

Q14_2. SECOND CHOICE: Thinking about America's energy needs in the future, which two of the following are the highest priority to you:

n=467

Protecting the Arkansas environment	14%
Preventing global climate change	11%
Saving consumers money by keeping energy prices low	26%
Reducing energy use by making homes and businesses more efficient	21%
Reducing America's dependence on foreign sources of energy	27%
All equally	.
Don't know	.

Q15. Over the next ten years, many people say Arkansas' energy needs will grow. Which approach is the better way to meet these growing energy needs? <RQ15>

n=600

Producing more energy from traditional sources like coal, nuclear and natural gas	29%
Reducing energy demand by helping homeowners and businesses use less energy while getting the same results from their appliances	69%
Don't know	2%

Now I will read different ways Arkansas can make more electricity available. After I read each one, please tell me if you support Arkansas increasing or decreasing its use.

Q16. Coal to generate electricity

n=600

Increase greatly	17%
Increase somewhat	28%
Decrease somewhat	29%
Decrease greatly	22%
Not Change	1%
Don't know	3%
INCREASE	45%
DECREASE	51%
NO CHANGE/DK	4%

Q17. Nuclear power to generate electricity

n=448

Increase greatly	29%
Increase somewhat	29%
Decrease somewhat	20%
Decrease greatly	16%
Not Change	2%
Don't know	3%
INCREASE	58%
DECREASE	36%
NO CHANGE/DK	5%

Q18. Natural gas to generate electricity

n=448

Increase greatly	32%
Increase somewhat	38%
Decrease somewhat	20%
Decrease greatly	8%
Not Change	0%
Don't know	2%
INCREASE	70%
DECREASE	28%
NO CHANGE/DK	3%

Q19. Renewable resources like solar, wind and biomass sources to generate electricity

n=600

Increase greatly	68%
Increase somewhat	22%
Decrease somewhat	5%
Decrease greatly	4%
Not Change	.
Don't know	1%
INCREASE	90%
DECREASE	9%
NO CHANGE/DK	1%

Q20. Energy efficiency, meaning practices that save energy in homes and businesses

	n=600
Increase greatly	64%
Increase somewhat	25%
Decrease somewhat	4%
Decrease greatly	5%
Not Change	1%
Don't know	1%
INCREASE	89%
DECREASE	9%
NO CHANGE/DK	2%

Q21. When thinking about how Arkansas produces its energy, which is closer to your view:
<RQ21>

	n=600
Arkansas' dependence on fossil fuels like coal and oil is outdated	64%
Renewable energy and energy efficiency are not ready now and will never be big enough to meet our needs	34%
Don't know	1%

Now I will read to you some descriptions of different possible nationwide energy policies. After I read each one, please tell me if you support or oppose it.

Q22. One proposal is called a nationwide renewable energy standard. Under a nationwide renewable energy standard, electric utility companies nationwide would be required to generate a certain percentage of their energy from renewable resources like solar, wind and biomass fuels. Do you (READ CHOICES) a nationwide renewable energy standard?

n=600

Strongly support	47%
Somewhat support	34%
Somewhat oppose	8%
Strongly oppose	10%
Don't know	2%
SUPPORT	81%
OPPOSE	18%

Q23. One proposal is called a nationwide energy efficiency standard. Under a nationwide energy efficiency standard, electric utilities would be required to help consumers, businesses and industry to reduce their energy use by 15 percent, through things like installing more insulation and replacing leaky windows, switching to more efficient lights and appliances in homes and buildings, or helping companies switch to equipment that uses less energy but gets the same results. Do you (READ CHOICES) a nationwide energy efficiency standard?

n=600

Strongly support	46%
Somewhat support	35%
Somewhat oppose	8%
Strongly oppose	10%
Don't know	1%
SUPPORT	81%
OPPOSE	17%

Q24. One proposal is called a nationwide cap and trade system. Under a nationwide cap and trade system, a limit would be set on the amount of pollution like carbon dioxide and other greenhouse gases that refiners, electric utilities and manufacturers could produce each year. If a company emitted more pollution than they were allowed, they would have to buy permits for this additional pollution, with the revenues paying for investments in clean energy technologies and providing electricity rebates to consumers to pay for any increase in energy costs. Do you (READ CHOICES) the federal government putting in place a cap and trade system?

	n=600
Strongly support	30%
Somewhat support	33%
Somewhat oppose	13%
Strongly oppose	21%
Don't know	2%
SUPPORT	63%
OPPOSE	35%

SECTION: RPS

Now I will ask you some questions about a nationwide renewable energy standard, which would require electric utility companies nationwide to generate a certain percentage of their energy from renewable resources like solar, wind and biomass fuels. First, I will read some possible effects of a nationwide renewable energy standard. Please tell me how likely it is in your view that each of the following will happen as a result of a nationwide renewable energy standard.

Q25. Create jobs in Arkansas

	n=200
Very likely	29%
Somewhat likely	50%
Not too likely	16%
Not at all likely	5%
Don't know	.
LIKELY	79%
NOT LIKELY	21%

Q26. Reduce energy costs for you in the next year

n=155

Very likely	6%
Somewhat likely	27%
Not too likely	34%
Not at all likely	31%
Don't know	1%
LIKELY	34%
NOT LIKELY	66%

Q27. Reduce energy costs for you in the next five years

n=200

Very likely	15%
Somewhat likely	40%
Not too likely	30%
Not at all likely	15%
Don't know	1%
LIKELY	54%
NOT LIKELY	45%

Q28. Make America less dependent on foreign energy sources

n=200

Very likely	27%
Somewhat likely	49%
Not too likely	16%
Not at all likely	7%
Don't know	0%
LIKELY	76%
NOT LIKELY	23%

Q29. Independent experts say that requiring utility companies to generate between 15 percent and 25 percent of their electricity from renewable sources before 2021 could lead to higher electricity rates. How much more per month would you be willing to pay on your electricity bill in order to fund this increase in renewable energy usage?

n=200

Less than two dollars per month	31%
Two dollars to five dollars per month	22%
Five dollars to 10 dollars per month	33%
More than 10 dollars per month	12%
Don't know	2%

Now I will read some statements people might make for why they oppose a nationwide renewable energy standard. After I read each one, please tell me if it makes you more or less likely to support a nationwide renewable energy standard. [READ STATEMENT] Does this make you (READ CHOICES) to a nationwide renewable energy standard?

Q30. Producing electricity from renewable resources costs much more. These costs will have to get passed along to consumers, who will face higher utility bills of at least 2 dollars a month on their electricity bill.

n=200

Much more likely	22%
Somewhat more likely	38%
Somewhat less likely	25%
Much less likely	13%
Don't know	2%
MORE LIKELY	61%
LESS LIKELY	38%

Q31. Renewable energy sources are unreliable and uncontrollable. Wind doesn't blow constantly and the sun doesn't always shine. Increasing our dependence on renewable energy sources gives us less ability to reliably meet demand for electricity.

n=200

Much more likely	14%
Somewhat more likely	34%
Somewhat less likely	36%
Much less likely	12%
Don't know	4%
MORE LIKELY	48%
LESS LIKELY	48%

Q32. This is a one-size-fits-all federal mandate from Washington. Some states already have a renewable energy standard because it works for them and their consumers. Other states don't, because it doesn't work for them. Washington shouldn't be dictating to the states to all meet the same standards.

n=200

Much more likely	13%
Somewhat more likely	36%
Somewhat less likely	25%
Much less likely	22%
Don't know	4%
MORE LIKELY	49%
LESS LIKELY	47%

Q33. Arkansas has low energy costs that help it attract businesses and jobs. Making electric utility companies use renewable energy sources will raise energy prices in Arkansas which will cost Arkansas jobs.

n=200

Much more likely	8%
Somewhat more likely	27%
Somewhat less likely	35%
Much less likely	27%
Don't know	3%
MORE LIKELY	35%
LESS LIKELY	61%

Q34. Given what you just heard, do you (READ CHOICES) the federal government putting in place a nationwide renewable energy standard?

n=200

Strongly support	20%
Somewhat support	40%
Somewhat oppose	19%
Strongly oppose	19%
Don't Know	3%
SUPPORT	60%
OPPOSE	38%

Now I will read some statements people might make for why they support a nationwide renewable energy standard. After I read each statement, please tell me if it makes you more or less likely to support adopting a nationwide renewable energy standard. [READ STATEMENT]. Does this make you (READ CHOICES) to support a nationwide renewable energy standard?

Q35. Requiring just 15 percent of our nation's energy to come from renewable resources would save Arkansas residents at least 140 million dollars on their electricity and natural gas bills over the next ten years.

n=200

Much more likely	42%
Somewhat more likely	32%
Somewhat less likely	14%
Much less likely	11%
Don't know	2%
MORE LIKELY	74%
LESS LIKELY	24%

Q36. Arkansas is already seeing the benefits of renewable energy jobs. In 2007, LM Glasfiber (ELM GLASS FIBER) started building a 270 million dollar factory to build wind energy turbine parts north of Little Rock. With a nationwide renewable energy standard, more renewable energy generating machines would be needed, which means more jobs in Arkansas.

n=200

Much more likely	50%
Somewhat more likely	35%
Somewhat less likely	6%
Much less likely	6%
Don't know	2%
MORE LIKELY	85%
LESS LIKELY	13%

Q38. Requiring some of our nation's energy to come from renewable resources means that less of it will have to come from foreign sources like Saudi Arabian oil. Making America less dependent on foreign energy sources is good for our national security.

n=200

Much more likely	45%
Somewhat more likely	32%
Somewhat less likely	11%
Much less likely	9%
Don't know	3%
MORE LIKELY	77%
LESS LIKELY	20%

Q39. Given what you just heard, do you (READ CHOICES) a nationwide renewable energy standard?

n=200

Strongly support	34%
Somewhat support	43%
Somewhat oppose	12%
Strongly oppose	10%
Don't Know	2%
SUPPORT	77%
OPPOSE	21%

SECTION: ENERGY EFFICIENCY STANDARD

Now I will ask you some questions about a nationwide energy efficiency standard, which would require electric utilities nationwide to help consumers and businesses reduce their electricity and gas consumption by 15 percent through things like installing more insulation and replacing leaky windows, switching to more efficient lights and appliances in homes and buildings, or helping companies switch equipment that uses less energy but gets the same results. First, I will read some possible effects of a nationwide energy efficiency standard. Please tell me how likely it is in your view that each of the following will happen as a result of a nationwide energy efficiency standard. [READ STATEMENT]. In your view, is it (READ CHOICES) that a nationwide energy efficiency standard will do this?

Q40. Create jobs in Arkansas

n=200

Very likely	27%
Somewhat likely	47%
Not too likely	17%
Not at all likely	9%
Don't know	1%
LIKELY	74%
NOT LIKELY	25%

Q41. Reduce energy costs for you in the next year

n=144

Very likely	9%
Somewhat likely	26%
Not too likely	30%
Not at all likely	33%
Don't know	1%
LIKELY	35%
NOT LIKELY	64%

Q42. Reduce energy costs for you in the next five years

n=200

Very likely	20%
Somewhat likely	37%
Not too likely	22%
Not at all likely	20%
Don't know	1%
LIKELY	57%
NOT LIKELY	42%

Q43. Make America less dependent on foreign energy sources

n=200

Very likely	27%
Somewhat likely	46%
Not too likely	15%
Not at all likely	11%
Don't know	1%
LIKELY	73%
NOT LIKELY	26%

Q44. Make U.S. businesses more productive and competitive around the world

n=200

Very likely	20%
Somewhat likely	49%
Not too likely	19%
Not at all likely	10%
Don't know	1%
LIKELY	69%
NOT LIKELY	30%

Now I will read some statements people might make for why they oppose a nationwide energy efficiency standard. After I read each one, please tell me if it makes you more or less likely to support a nationwide energy efficiency standard. [READ STATEMENT]. Does this make you (READ CHOICES) to support a nationwide energy efficiency standard?

Q45. Because utility companies would have to pay for energy efficiency programs, they would pass the cost along to consumers, which would cause utility rates to go up. Any savings consumers would see from improved efficiency would be eaten up by higher rates right away.

n=200

Much more likely	15%
Somewhat more likely	23%
Somewhat less likely	32%
Much less likely	29%
Don't know	2%
MORE LIKELY	38%
LESS LIKELY	60%

Q46. Arkansas depends on coal to produce its energy, employing hundreds of people at electric utility companies. Decreasing consumers' electricity use will cause the utility companies to have to cut jobs.

n=200

Much more likely	9%
Somewhat more likely	31%
Somewhat less likely	35%
Much less likely	23%
Don't know	3%
MORE LIKELY	40%
LESS LIKELY	58%

Q47. This is a one-size-fits-all federal mandate from Washington. Some states already have an energy efficiency standard because it works for them and their consumers. Other states don't, because it doesn't work for them. Washington shouldn't be dictating to the states to all meet the same standards.

n=200

Much more likely	19%
Somewhat more likely	24%
Somewhat less likely	26%
Much less likely	25%
Don't know	5%
MORE LIKELY	43%
LESS LIKELY	52%

Q48. Given what you just heard, do you (READ CHOICES) a nationwide energy efficiency standard?

n=200

Strongly support	25%
Somewhat support	34%
Somewhat oppose	17%
Strongly oppose	23%
Don't Know	0%
SUPPORT	59%
OPPOSE	40%

Now I will read some statements people might make for why they support a nationwide energy efficiency standard. After I read each statement, please tell me if it makes you more or less likely to support adopting a nationwide energy efficiency standard. [READ STATEMENT]. Does this make you (READ CHOICES) to support a nationwide energy efficiency standard?.

Q49. Once a nationwide energy efficiency standard is put in place over the next 11 years, it is estimated it would save utility customers 168 billion dollars on their electric bills, including 1.8 billion dollars in savings for customers in Arkansas over the next years - an average of 14 hundred dollars for each Arkansas household.

n=200

Much more likely	45%
Somewhat more likely	27%
Somewhat less likely	11%
Much less likely	15%
Don't know	3%
MORE LIKELY	72%
LESS LIKELY	26%

Q50. Improving energy efficiency means new jobs for electricians, carpenters, truck drivers and engineers. A national energy efficiency standard would create an estimated 222 thousand new jobs in construction and other fields, over 25 hundred of these in Arkansas.

n=200

Much more likely	44%
Somewhat more likely	35%
Somewhat less likely	9%
Much less likely	11%
Don't know	1%
MORE LIKELY	79%
LESS LIKELY	20%

Q51. Improving energy efficiency means we'll need to generate less electricity overall. This would reduce the amount of pollution released into our air, land, and water as a result of burning coal and dealing coal waste ash, creating a cleaner environment to enjoy today and for future generations.

	n=200
Much more likely	39%
Somewhat more likely	36%
Somewhat less likely	12%
Much less likely	12%
Don't know	1%
MORE LIKELY	75%
LESS LIKELY	24%

Q51A. Given what you just heard, do you (READ CHOICES) a nationwide energy efficiency standard?

	n=200
Strongly support	38%
Somewhat support	32%
Somewhat oppose	10%
Strongly oppose	18%
Don't Know	1%
SUPPORT	71%
OPPOSE	28%

SECTION: CAP & TRADE

Now I will ask you some questions about a nationwide cap and trade system, which would set a limit on the amount of pollution like carbon dioxide and other greenhouse gases that refiners, electric utilities and manufacturers could produce each year. If a company emitted more pollution than they were allowed, they would have to buy permits for this additional pollution, with the revenues paying for investments in clean energy technologies and providing electricity rebates to consumers to pay for any increase in energy costs. First I will read some possible effects of using a nationwide cap-and-trade system. Please tell me how likely it is in your view that each of the following will happen as a result of a cap and trade system. [READ STATEMENT]. In your view, is it (READ CHOICES) that a cap and trade program will do this?

Q52. Create jobs in Arkansas

n=200

Very likely	19%
Somewhat likely	46%
Not too likely	21%
Not at all likely	12%
Don't know	2%
LIKELY	66%
NOT LIKELY	33%

Q53. Reduce energy costs for you in the next five years

n=149

Very likely	16%
Somewhat likely	30%
Not too likely	29%
Not at all likely	23%
Don't know	3%
LIKELY	46%
NOT LIKELY	52%

Q54. Reduce pollution and help avoid the risk of global climate change

n=200

Very likely	21%
Somewhat likely	48%
Not too likely	20%
Not at all likely	11%
Don't know	1%
LIKELY	69%
NOT LIKELY	31%

Q55. Make America less dependent on foreign energy sources

n=200

Very likely	25%
Somewhat likely	40%
Not too likely	21%
Not at all likely	12%
Don't know	1%
LIKELY	66%
NOT LIKELY	34%

Q56. Encourage investment in clean energy technologies

n=200

Very likely	30%
Somewhat likely	50%
Not too likely	11%
Not at all likely	8%
Don't know	1%
LIKELY	80%
NOT LIKELY	19%

Now I will read some statements people might make for why they oppose a nationwide cap-and-trade system. After I read each statement, please tell me if it makes you more or less likely to support adopting a cap and trade system. [READ STATEMENT]. Does this make you (READ CHOICES) to support a cap and trade system?

Q57. A cap and trade system is a tax increase on electric utility companies that will raise electricity costs on consumers by 31 hundred dollars per year. It's a tax increase at a time when we can't afford an increase.

n=200

Much more likely	5%
Somewhat more likely	21%
Somewhat less likely	25%
Much less likely	48%
Don't know	0%
MORE LIKELY	26%
LESS LIKELY	73%

Q58. A cap and trade system is too complicated. Reducing pollution is a good idea, but cap and trade will expand the size of government and will be expensive for industries to comply with.

n=200

Much more likely	9%
Somewhat more likely	28%
Somewhat less likely	33%
Much less likely	27%
Don't know	2%
MORE LIKELY	37%
LESS LIKELY	60%

Q59. Global climate change is not confirmed to be real. We shouldn't spend a whole lot of money on a cap and trade system to stop what scientists can't even agree is a real problem.

n=200

Much more likely	13%
Somewhat more likely	28%
Somewhat less likely	26%
Much less likely	27%
Don't know	6%
MORE LIKELY	41%
LESS LIKELY	53%

Q60. Given this, do you (READ CHOICES) a cap and trade system?

n=200

Strongly support	9%
Somewhat support	42%
Somewhat oppose	23%
Strongly oppose	24%
Don't Know	1%
SUPPORT	51%
OPPOSE	48%

Now I will read some statements people might make for why they support a nationwide cap-and-trade system. After I read each statement, please tell me if it makes you more or less likely to support adopting a cap and trade system. [READ STATEMENT]. Does this make you (READ CHOICES) to support a cap and trade system?

Q61. A cap and trade system would encourage electric utility companies and manufacturers to invest in and develop new, clean energy technologies, creating hundreds or even thousands of new, good-paying jobs in Arkansas.

n=200

Much more likely	37%
Somewhat more likely	39%
Somewhat less likely	11%
Much less likely	12%
Don't know	1%
MORE LIKELY	76%
LESS LIKELY	23%

Q62. A cap and trade system would increase our energy security by promoting the development of alternative energy sources like biofuels which would make America less dependent on foreign sources of energy.

n=200

Much more likely	28%
Somewhat more likely	48%
Somewhat less likely	12%
Much less likely	12%
Don't know	0%
MORE LIKELY	76%
LESS LIKELY	24%

Q63. Global climate change is real and a serious threat that requires immediate attention. There is clear evidence that humans are changing the environment for the worse through pollution from cars and power plants. A cap and trade system will cut down the amount of pollution and slow global climate change.

n=200

Much more likely	26%
Somewhat more likely	40%
Somewhat less likely	12%
Much less likely	20%
Don't know	2%
MORE LIKELY	66%
LESS LIKELY	32%

Q64. Given this, do you (READ CHOICES) a cap and trade system?

n=200

Strongly support	16%
Somewhat support	50%
Somewhat oppose	16%
Strongly oppose	18%
Don't Know	1%
SUPPORT	66%
OPPOSE	34%

Q64A. Renewable energy made from sources in the U.S. can make America less dependent on foreign sources of oil. Are you (READ CHOICES) to support higher energy costs at home if it means that America can be less dependent on Middle Eastern oil?

n=300

Much more likely	30%
Somewhat more likely	42%
Somewhat less likely	16%
Much less likely	11%
Don't know	1%
MORE LIKELY	72%
LESS LIKELY	27%

Q64B. Reducing global climate change could result in higher energy costs for some consumers. Are you (READ CHOICES) to support necessary steps to reduce global climate change if it means higher electricity rates at home?

n=300

Much more likely	13%
Somewhat more likely	33%
Somewhat less likely	27%
Much less likely	24%
Don't know	2%
MORE LIKELY	46%
LESS LIKELY	52%

Q65. We're almost finished. These remaining questions are for statistical purposes only. Do you generally consider yourself liberal, moderate, or conservative?

n=600

Liberal	19%
Moderate	28%
Conservative	49%
Don't know	4%

Q66. What is the last grade you had the opportunity to complete?

n=600

Grade school	1%
Some high school	4%
High school graduate	28%
Community college/technical school	8%
Some college	24%
College graduate	23%
Graduate school, medical school or law school	12%
Don't know	1%

Q67. CODE AGE FROM FILE

n=600

18-24	8%
25-29	5%
30-34	6%
35-39	8%
40-44	8%
45-49	9%
50-54	10%
55-59	12%
60-64	8%
65-69	8%
70 years or older	18%
Mean:	14.5

Q68. Do you own a gun or does someone in your household own a gun? PROBE (IF YES): Is that you or someone in your household?

n=600

Yes - self	45%
Yes - other person (not self)	19%
No	32%
Don't know	4%

Q69. For statistical purposes only, we need to know your total family income for 2008. Will you please tell me which of the following categories best represents your total family income?

n=600

Less than \$20,000	12%
\$20,000-\$34,999	19%
\$35,000-\$59,999	24%
\$60,000-\$99,999	23%
\$100,000-\$124,999	6%
\$125,000 or more	7%
Don't know	9%

Q70. What is your ethnic background?

n=600

White	83%
Hispanic/Latino	1%
African American	13%
Asian	0%
Other	2%
Don't know	1%

Q71. Do you consider yourself to be of Hispanic descent?

n=598

Yes	1%
No	98%
Don't know	1%

Q72. How often do you attend religious services?

n=600

More than once a week	22%
Weekly	37%
About monthly	12%
Mainly only on major religious holidays	6%
Rarely or never	21%
Don't know	2%

CD. CD

n=600

1	23%
2	27%
3	27%
4	23%
Mean:	2.50

Q7. CODE GENDER BASED ON OBSERVATION

n=600

Male	47%
Female	53%