

2011 State Energy Plan Survey

Directions: Please indicate your response for each question by placing a ✓ in the box that best describes your answer for each question. Fill in the blanks where appropriate. For your convenience you may respond by filling out the paper version of the survey and returning it in the enclosed postage-paid envelope or you may complete the survey online at <http://tiny.cc/arkenergyplan>. Please respond by October xx, 2011. Thank you for your cooperation.

1. Please select the following descriptors that best apply to your organization (select all that apply):

- | | |
|--|---|
| <input type="checkbox"/> Manufacturing | <input type="checkbox"/> Education |
| <input type="checkbox"/> Retailer/sales | <input type="checkbox"/> Governmental |
| <input type="checkbox"/> Energy producer | <input type="checkbox"/> Non-profit |
| <input type="checkbox"/> Energy distribution or transmission | <input type="checkbox"/> Environmental |
| <input type="checkbox"/> Industry association | <input type="checkbox"/> Other (please specify) _____ |

2. What is the greatest energy-related challenge facing your particular industry/organization today and in the near-term future?

3. What are your current energy-related initiatives? (Please provide no more than three.)

4. Are there areas where you need additional support, funding, and/or collaboration with regards to your current energy-related initiatives?

- Yes No → skip to Question 5

4a. What are they? Please provide no more than three.

5. How important is sustainability/green to your company/organization's goals?

- | | |
|---|--|
| <input type="checkbox"/> Not at all important | <input type="checkbox"/> Somewhat important |
| <input type="checkbox"/> Very unimportant | <input type="checkbox"/> Very important |
| <input type="checkbox"/> Somewhat unimportant | <input type="checkbox"/> Extremely important |

The next series of questions relate to the general energy-related situation here in Arkansas:

6. What are the top three energy challenges facing Arkansas today?

7. What energy related policies/legislation would you like to see developed to address these challenges?
(List top three.)

8. Do you think a strategic energy plan should be developed for the State?

- Yes No

8a. Why/ Why not?

9. Please indicate what you think the mix of energy resources should be to meet the need for Arkansas's electric utilities in the year 2021. The left column displays the approximate current energy mix used to provide electricity. In the right column divide 100 points among the energy resources that you want to see used in 2021.

| Fuel/Resource to meet electricity needs | Arkansas's Current Mix (Percentage) | Mix in 10 years |
|---|-------------------------------------|-----------------|
| Nuclear | 28 | |
| Coal | 46 | |
| Natural Gas | 16 | |
| Oil | 1 | |
| Solar | 0 | |
| Energy Efficiency | 0 | |
| Wind | 0 | |
| Biomass | 1 | |
| Hydroelectric | 8 | |
| Other _____ | | |
| TOTAL | 100 | 0 |

10. Please indicate what you think the mix of energy resources should be to meet the need for Arkansas's transportation in the year 2021. The left column displays the approximate current energy mix used for transportation. In the right column divide 100 points among the energy resources that you want to see used in 2021.

| Fuel/Resource to meet transportation needs | Arkansas's Current Mix (Percentage) | | Mix in 10 years |
|--|-------------------------------------|--|-----------------|
| Natural Gas | 3.1 | | |
| Electricity | 0 | | |
| Motor Gasoline | 60.1 | | |
| Ethanol | 2.0 | | |
| Aviation Gasoline | 0.2 | | |
| Jet Fuel | 1.5 | | |
| Diesel Fuel | 32.3 | | |
| Propane | 0.1 | | |
| Lubricants | 0.7 | | |
| Other _____ | | | |
| TOTAL | 100 | | 0 |

11. Please indicate what you think the mix of energy resources should be to meet heating needs for Arkansas buildings and industry in the year 2021. The left column displays the approximate current fuel mix used for heating. In the right column divide 100 points among the energy resources that you want to see used in 2021.

| Fuel/Resource to meet <u>building</u> heating needs | Arkansas's Current Mix (Percentage) | | Mix in 10 years |
|---|-------------------------------------|--|-----------------|
| Electric | 50 | | |
| Oil (LPG, Diesel, Kerosene) | 5 | | |
| Biomass | 1 | | |
| Steam | 9 | | |
| Natural Gas | 35 | | |
| Solar | 0 | | |
| Energy Efficiency | 0 | | |
| Other _____ | 0 | | |
| TOTAL | 100 | | 0 |

| Fuel/Resource to meet <u>industrial</u> heat needs (including boiler and cogeneration) | Arkansas's Current Mix (Percentage) | | Mix in 10 years |
|--|-------------------------------------|--|-----------------|
| Electric | 8 | | |
| Oil (Diesel, Kerosene) | 2 | | |
| Biomass | 17 | | |
| Natural Gas | 72 | | |
| Solar | 0 | | |
| Coal | 1 | | |
| LPG | 0 | | |
| Energy Efficiency | 0 | | |
| Other _____ | 0 | | |
| TOTAL | 100 | | 0 |

12. Indicate the principles that would be most important to a state strategic energy plan and/or state energy policies. *(Rank the top four principles.)*

- Pursue conservation/energy efficiency as a preferred energy resource
- Ensure our energy system meets the needs of our citizens, especially vulnerable populations
- Maintain and enhance economic competitiveness
- Reduce dependence on fossil fuels
- Improve efficiency of transportation energy use
- Meet greenhouse gas limits and environmental requirements
- Build on our clean electrical grid
- Make state government a model of efficient energy usage
- Maintain and enhance existing infrastructure
- Ensure diversity of energy supply
- Use energy grown/mined/derived in Arkansas
- Other (please specify) _____

13. Please choose your top four preferred policy options from the list below:

- Energy efficiency appliance and equipment standards
- Performance labels for new homes and commercial buildings
- Utility initiatives to use renewable energy (wind, solar, biomass, etc.)
- Incentives for consumers to use energy efficiency and renewable energy (loans, rebates, tax credits, etc.)
- Utility demand-side management and rate restructuring initiatives
- Encourage easier connections between customer-owned generation (residential, commercial and industrial cogeneration) and the utility
- Initiatives to make state government buildings and vehicles more efficient
- Incentives to produce, use and promote biofuels
- Incentives to develop alternative transportation infrastructure (refueling, charging)
- Support public funding of education and workforce training for energy economy
- Support public funding of energy efficiency improvements for those with low-incomes
- Other (please specify) _____

14. Should there be an effort to recruit a specific type(s) of energy-related industries to the state

- Yes No --->End Survey

14a. Which type or types? *(Please identify no more than three.)*

Thank you taking the time to complete our survey.