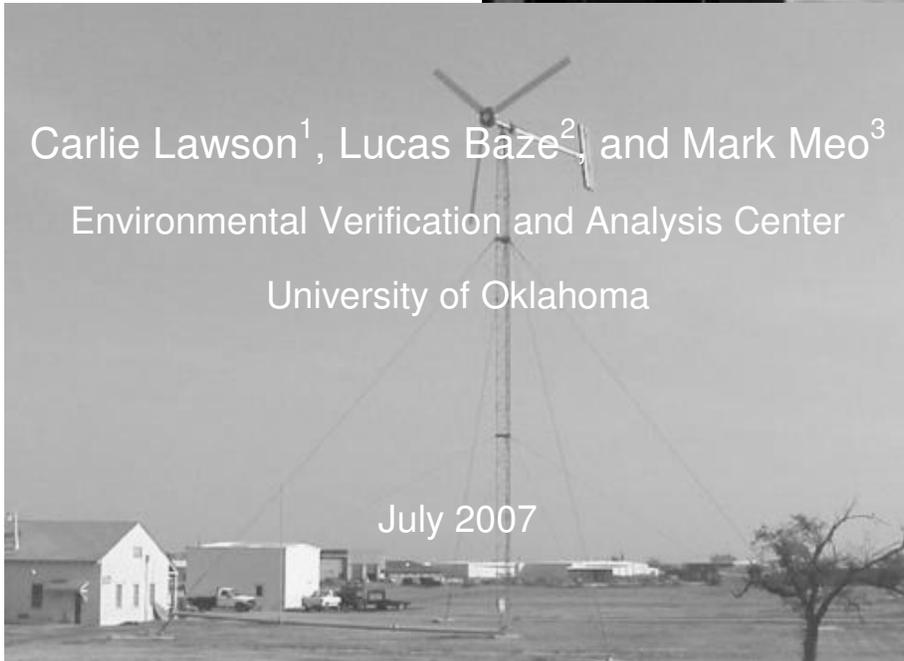




Emerging Energy Technology Survey: Oklahoma State Agency Interests



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On the cover: All photos courtesy of the National Renewable Energy Laboratory. (Top Photo) An Elk City, OK livestock rancher uses this PV system to pump water for livestock. (Middle Photo) In Beggs, OK, the Callidus Test Facility conducts research to test furnaces for high-efficiency, ultra-low-emissions, integrated process heater systems. (Bottom Photo) In 2002, the U.S. Department of Energy partnered with Bergey Windpower to develop a highly reliable 50 kW turbine for distributed power applications connected to the utility grid.

Executive Summary

Clean energy and the technologies that provide it are becoming more important to the future of the national, regional, and state economies. As one of the Nation's leading wind-power producing states, Oklahoma has the potential to become more active in the production and sale of a variety of innovative energy fuels and related technologies. In September 2006, a survey questionnaire was mailed to all state agencies, boards, and commissions in the state of Oklahoma to ascertain their level of interest in various emerging energy technologies that might be of value to the state. This survey was undertaken by the Environmental Verification and Analysis Center (EVAC) at the University of Oklahoma with the support of the Oklahoma Department of Commerce. Included in this report is an analysis of the data received from the returned surveys.

Of the 382 survey questionnaires that were mailed out, just 25 were determined to be of use to this study. Nevertheless, the overwhelming majority of the agency respondents was supportive of the development of innovative energy technologies and clean energy resources in the state of Oklahoma. The survey questions were grouped under four categories: Sources, Transformations, Applications, and Policy Issues.

The level of interest by agencies in each of the four energy categories is shown below. Under each category, the mean level of agency interest is identified for each question posed in a category, i.e. 7 questions in category 1; 9 questions in category 2, etc.

Agency Interest in Energy Sources

1 (Moderate Interest), 4 (Low Interest), 2 (No to Low Interest)

Agency Interest in Energy Transformations

4 (Low to Moderate Interest), 4 (Low Interest), 1 (No Interest)

Agency Interest in Energy Applications

7 (Low to Moderate Interest), 1 (No to Low Interest)

Agency Interest in Energy Policy Issues

4 (Low to Moderate Interest), 1 (No to Low Interest)

From this abbreviated summary, one can conclude that the highest interest of state agencies lies foremost in energy applications; second in energy transformations and energy policy; with the least interest in energy sources. Several of the surveys included letters of support for the development of renewable energy.

Survey Summary

The data from survey are summarized below. Included are the questions asked and the mean response. The data are ordered from 0 to 4 using the following scale:

4 = high interest

3 = moderate interest

2 = low interest

1 = no interest

0 = does not apply.

Please see the appendix for a complete data analysis.

Part 1: Agency Interest in Energy Sources

Please rank your agency's interest level in the following topics related to emerging energy sources.

Question 1: Biomass - Geographic distribution and abundance of plants, trees, agricultural crops, and their residues.

Mean Response: Low Interest [1.96]

Question 2: Efficiency - More productivity with the same or less energy.

Mean Response: Moderate Interest [2.93]

Question 3: Tapping subsurface or volcanic heat sources

Mean Response: No to Low Interest [1.30]

Question 4: Hydropower - Dams and reservoirs

Mean Response: No to Low Interest [1.67]

Question 5: Municipal Solid Waste Recycling - Urban trash

Mean Response: Low Interest [2.19]

Question 6: Solar - Geographic distribution of sunshine and its intensity

Mean Response: Low Interest [1.96]

Question 7: Wind - Geographic distribution of wind and its intensity

Mean Response: Low Interest [2.19]

Part 2: Agency Interest in Energy Transformations

Please rank your agency's interest level in the following topics related to energy transformations.

Question 1: Biomass: Heat - Direct combustion
Mean Response: No to Low Interest [1.85]

Question 2: Biomass: Gasification - Transforming biological materials into a combustible gas
Mean Response: Low Interest [2]

Question 3: Biomass: Liquid fuels - Production of fuel ethanol or methanol from agricultural crops, grasses, or residues
Mean Response: Low Interest [2.19]

Question 4: Co-generation - Use of waste heat for space heating
Mean Response: Low Interest [2]

Question 5: Fuel Cells - Electrochemical production of electricity from hydrogen with water as a waste product
Mean Response: Low to Moderate Interest [2.26]

Question 6: Hydrogen - Clean energy source produced from water, biomass, or fossil fuels.
Mean Response: Low to Moderate Interest [2.48]

Question 7: Photovoltaics - Solar-powered technology that produces electricity with no emissions
Mean Response: Low to Moderate Interest [2.19]

Question 8: Turbines - Miniturbines (microturbines) - Small natural gas-fired combined cycle turbines used to power buildings and related facilities
Mean Response: Low Interest [2]

Question 9: Turbines- Wind- Small and large electric turbines commonly used at a scale from 10 Kilowatts to 1.5 Megawatts and larger
Mean Response: Low to Moderate Interest [2.48]

Part 3: Agency interest in Energy Applications

Please rank your agency's interest level in the following topics related to energy applications.

Question 1: CO₂ Capture/Carbon Sequestration - Capture of carbon dioxide exhaust from combustion processes and its long-term storage in surface biomass (green plants/trees) or underground reservoirs (partially evacuated oil and gas reservoirs)

Mean Response: No to Low Interest [1.7]

Question 2: Conservation - Reducing usage of energy

Mean Response: Low to Moderate Interest [2.78]

Question 3: Facility Siting - Issues associated with the location of energy generating systems

Mean Response: Low to Moderate Interest [2.33]

Question 4: Environmental Impact Assessment - Environmental and societal impacts of locating and/or construction of energy generating systems

Mean Response: Low to Moderate Interest [2.52]

Question 5: Mobile/Vehicular Use/Transportation - Implications of innovative energy systems on energy demand, supply, and environmental quality

Mean Response: Low to Moderate Interest [2.44]

Question 6: Stationary Power Generation - Power supplied from a fixed facility

Mean Response: Low to Moderate Interest [2.33]

Question 7: Storage/Hydrogen/Transmission - Storage of surplus energy until needed; Use of hydrogen as a way to store surplus energy; Capability of the electric transmission grid to connect energy producers with energy consumers

Mean Response: Low to Moderate Interest [2.11]

Part 4: Agency Interest in Energy Policy Issues

Please rank your agency's interest level in the following topics related to energy policy issues.

Question 1: Climate Change/Carbon Sequestration - Implications of national or regional policies for reducing greenhouse gas levels and long-term carbon storage

Mean Response: Low to Moderate Interest [2.15]

Question 2: Deregulation of Electric Utilities - Implications of creating a competitive market for energy supply, primarily electric power

Mean Response: Low to Moderate Interest [2.19]

Question 3: Distributed Power Systems - Decentralized, small scale energy generation

Average Response: No to Low Interest [1.85]

Question 4: Economics/incentives/Subsidies - Role of government incentives in energy markets to stimulate use of innovative technologies and nontraditional energy sources

Mean Response: Low to Moderate Interest [2.30]

Question 5: Energetics/Net Energy Analysis - Analysis of the amount of useable energy generated by nontraditional sources when all energy inputs to production have been fully accounted for

Mean Response: Low to Moderate Interest [2.11]

Individual Agency Interests

Note: The following mission statements and history and function statements were taken from the “ABC Oklahoma Agencies, Boards, and Commissions,” published by the Oklahoma Department of Libraries (September 1, 2006).

1. Archives and Records Commission

Mission Statement: To assist state agencies in establishing and administering records management programs that apply efficient and economical methods for the creation, utilization, maintenance, preservation, retention, and disposal of state government records.

History and Function: The primary basis of the Archives and Records Commission lay in the creation of a Records Commission in 1939, passage of act establishing the commission in 1947, and the Records Management Act that became effective in 1961. Re-created until July 1, 2007.

Overview of Response: The Archives and Records Commission expressed high interest in:

- no energy source areas.
- no energy transformations areas.
- no energy applications areas.
- no energy policy issue areas.

The Archives and Records Commission expressed moderate interest in:

- the energy source areas of efficiency and municipal solid waste/recycling.
- the energy transformations areas of wind turbines.
- the energy applications areas of conservation, mobile/vehicular use/transportation, stationary power generation and storage/hydrogen/transmission.
- the energy policy issue areas of climate change/carbon sequestration, deregulation of electric utilities, distributed power systems, economics/incentives/subsidies and energetics/net energy analysis.

2. Crime Victims Compensation Board

Mission Statement: No mission statement for the Crime Victims Compensation Board was available.

History and Function: No history and function for the Crime Victims Compensation Board was available.

Overview of Response: The Crime Victims Compensation Board expressed high interest in:

- the energy source areas of efficiency and municipal solid waste/recycling.
- the energy transformations areas biomass: liquid fuels and hydrogen.
- the energy applications areas of conservation and mobile/vehicular use/transportation.
- the energy policy issue area of deregulation of electric utilities.

The Crime Victims Compensation Board expressed moderate interest in:

- no energy source areas
- no energy transformations areas.
- no energy applications areas.
- the energy policy issue areas of climate change/carbon sequestration, distributed power systems, economics/incentives/subsidies, and energetics/net energy analysis.

3. Department of Environmental Quality: Air Quality Advisory Council

Mission Statement: The Department of Environmental Quality works to provide a clean, attractive, and prosperous Oklahoma.

History and Function: The History and Function of the Air Quality Advisory Council of the Environmental Quality Board was not available.

Overview of Response: The Department of Environmental Quality Air Quality Advisory Council expressed high interest in:

- the energy source areas of efficiency, municipal solid waste/recycling, solar and wind.
- the energy transformations areas of biomass: heat, biomass: gasification, biomass: liquid fuels, co-generation, fuel cells, hydrogen, turbines: mini-turbines and wind turbines.
- the energy applications areas of CO² capture/carbon sequestration, conservation, environmental impact assessment, mobile/vehicular use/transportation, stationary power generation and storage/hydrogen/transmission.
- the energy policy issue areas of climate change/carbon sequestration, deregulation of electric utilities, distributed power systems, economics/incentives/subsidies and energetics/net energy analysis.

The Department of Environmental Quality Air Quality Advisory Council expressed moderate interest in:

- the energy source area of biomass.
- the energy transformations area of photovoltaics.
- the energy applications area of facility siting.
- no energy policy issue areas.

4. Historical Records Advisory Board

Mission Statement: To provide leadership in encouraging and assisting in the development of programs to preserve and enhance access to Historical records pertaining to Oklahoma and to serve as Oklahoma's liaison with the programs of the National Historical Publications and Records Commission.

History and Function: The Historical Records Advisory Board lacks statutory definition in Oklahoma and members are appointed by the governor under authority delineated in 44 USC, Sect. 2501 and 36 CFR, Sect. 1206. The board serves as Oklahoma's liaison with the programs of the National Historical Publications and Records Commission.

Overview of Response: The Historical Records Advisory Board expressed high interest in:

- no energy source areas.
- no energy transformations areas.
- no energy applications areas.
- no energy policy issue areas.

The Historical Records Advisory Board expressed moderate interest in:

- the energy source areas of efficiency and municipal solid waste/recycling.
- the energy transformations area of wind turbines.
- the energy applications areas of conservation, mobile/vehicular use/transportation, stationary power generation, and storage/hydrogen/transmission.
- the energy policy issue areas of climate change/carbon sequestration and economics/incentives/subsidies.

5. Interstate Agreement on the Qualification of Educational Personnel, Oklahoma Educational Television Authority

Mission Statement: To make educational television services available to all Oklahoma citizens on a coordinated statewide basis, through the various educational and cultural agencies in Oklahoma, under the direction and supervision of the authority.

History and Function: A statutory corporation created by law in 1953, OETA makes instructional and public television services available to all citizens of Oklahoma on a coordinated statewide basis. Four transmitters, located at Channel 13 in Oklahoma City, Channel 11 in Tulsa, Channel 3 in Eufaula, and Channel 12 in Cheyenne, with fifteen translators located statewide, extend OETA's services throughout.

Overview of Response: The Interstate Agreement on the Qualification of Educational Personnel expressed high interest in:

- the energy source area of efficiency.
- the energy transformations areas of photovoltaics and wind turbines.
- the energy applications areas of conservation, facility siting, stationary power generation, and storage/hydrogen/transmission.
- the energy policy issue areas of deregulation of electric utilities, distributed power systems, and economics/incentives/subsidies..

The Interstate Agreement on the Qualification of Educational Personnel expressed moderate interest in:

- the energy source area of municipal solid waste/recycling.
- the energy transformations areas of fuel cells and hydrogen.
- the energy applications area of environmental impact assessment.
- the energy policy issue area of energetics/net energy analysis.

6. Board of Juvenile Affairs

Mission Statement: No mission statement for the Board of Juvenile Affairs was available.

History and Function: The Board of Juvenile Affairs was authorized in statute via HB 2640, the Juvenile Reform Act of 1994, creating the Office of Juvenile Affairs, and took office in February 1995. The board is comprised of seven members, all of whom are appointed by the governor and shall include persons having experience in social work, juvenile justice, criminal justice, criminal-justice-related behavioral sciences, indigent defense, and education. Additionally, one member must be appointed from each of the five congressional districts and two are appointed from the state-at-large.

The board typically meets in regular session once per month on the third Friday. Meetings are usually held during the winter at the Office of Juvenile Affairs headquarters, 3812 N Santa Fe in Oklahoma City. In spring and summer, meetings are often held at juvenile institutions or facilities or local offices of the Office of Juvenile Affairs.

Overview of Response: The Board of Juvenile Affairs expressed high interest in:

- no energy source areas.
- no energy transformations areas.
- no energy applications areas.
- no energy policy issue areas.

The Board of Juvenile Affairs expressed moderate interest in:

- no energy source areas.
- no energy transformations areas.
- no energy applications areas.
- no energy policy issue areas.

7. Oklahoma Archaeological Survey

Mission Statement: To research Oklahoma's archeological record; to work with state and federal agencies, and the citizens of Oklahoma to preserve significant archeological sites; and to disseminate information about Oklahoma's cultural heritage through publications and public presentations.

History and Function: Established in 1970, the survey studies prehistoric and early historic sites; conserves, maintains, and exhibits archeological materials; enforces laws protecting archeological sites; maintains archeology programs; does anthropological and archeological research under the direction of the Board of Regents of the University of Oklahoma.

Overview of Response: The Oklahoma Archaeological Survey expressed high interest in:

- the energy source area of other: cultural resources – wind, geothermal, and solar.
- no energy transformations areas.
- the energy applications area of facility siting and environmental impact assessment.
- the energy policy issue areas deregulation of electric utilities, economics/incentives/subsidies, and other: energy policy and cultural heritage.

The Oklahoma Archaeological Survey expressed moderate interest in:

- no energy source areas.
- no energy transformations areas.
- no energy applications areas.
- no energy policy issue areas.

8. Oklahoma Board of Dentistry

Mission Statement: To enhance public health and safety by regulating the practice of dentistry in the state in accordance with the State Dental Act and ensuring that the dental profession as a whole is conducted in the public's best interest.

History and Function: Legislation created The State Dental Act in 1935 and later revised it in 1959, 1970, 1979, 1981, 1983, and 1985. The board is responsible for regulation of the practice of dentistry by a system of qualifications and examination. In conjunction with the practice of dentistry, the board also regulates the practice of dental hygiene, certifies dental assistants; issues permits to dental laboratories and is self-sustaining through licensing fees, registrations, etc. Of the total revenue received by the board, 10 percent is transferred back to the state treasurer.

Overview of Response: The Oklahoma Board of Dentistry expressed high interest in:

- no energy source areas.
- no energy transformations areas
- no energy applications areas.
- no energy policy issue areas.

The Oklahoma Board of Dentistry expressed moderate interest in:

- no energy source areas.
- no energy transformations areas
- no energy applications areas.
- no energy policy issue areas.

9. Oklahoma Capitol Improvement Authority

Mission Statement: To provide buildings and facilities for state government offices.

History and Function: Created by legislative act in 1959 to issue revenue bonds to provide buildings and facilities for state government offices, the authority cannot issue bonds without legislative authorization. The authority consists of the governor who serves as chairman, the state treasurer, the lieutenant governor who serves as vice chairman, the director of the Department of Central Services, the director of the Department of Human Services, the vice chairman of the Tax Commission, the director of the Oklahoma Department of Tourism and Recreation, and the director of the Department of Transportation.

Overview of Response: The Oklahoma Capitol Improvement Authority expressed high interest in:

- the energy source area of efficiency.
- the energy transformations areas of fuel cells, hydrogen, photovoltaics and wind turbines.
- the energy applications areas of CO² capture/carbon sequestration, conservation, mobile/vehicular use/transportation, stationary power generation and storage/hydrogen/transmission.
- the energy policy issue areas of climate change/carbon sequestration, deregulation of electric utilities, distributed power systems, economics/incentives/subsidies and energetics/net energy analysis.

The Oklahoma Capitol Improvement Authority expressed moderate interest in:

- the energy source areas of municipal solid waste/recycling, solar, and wind.
- the energy transformations areas of biomass: heat, biomass: gasification, biomass: liquid fuels, co-generation, and miniturbines.
- the energy applications areas of facility siting and environmental impact assessment.
- no energy policy issue areas.

10. Oklahoma Court of Civil Appeals, Office of the Vice Chief Justice

Mission Statement: No mission statement for the Oklahoma Court of Civil Appeals was available.

History and Function: Created by the Oklahoma Legislature in 1968, six new positions were added to the original six judges of the Oklahoma Court of Civil Appeals in 1982. With terms of six years each, judges are elected on a non-partisan retention ballot from each of the six congressional districts as they existed before the 2002 election. If a majority of those who cast ballots vote in favor of retention, the judge will serve another term. If a vacancy occurs on the Court of Civil Appeals prior to the expiration of a term, the governor appoints a successor, from three names submitted by the Judicial Nominating Commission. The clerk of the Oklahoma Supreme Court serves as clerk of the Court of Civil Appeals. Divided into two offices, the judges from Congressional Districts 1, 2, and 3 comprise Divisions 2 and 4 in Tulsa, and Congressional Districts 4, 5, and 6, comprise Divisions 1 and 3 in Oklahoma City. The court's case load is comprised solely of civil appeals assigned by the Oklahoma Supreme Court. Final decisions of the Court of Civil Appeals are not directly appealable to the Oklahoma Supreme Court; however, if a majority of the justices agree that certiorari should be granted, the decision by the Court of Civil Appeals may be reviewed by the Oklahoma Supreme Court.

Overview of Response: The Oklahoma Court of Civil Appeals expressed high interest in:

- the energy source areas of efficiency and municipal solid waste/recycling.
- the energy transformations areas of fuel cells, hydrogen, miniturbines, and wind turbines.
- the energy applications areas of conservation and mobile/vehicular use/transportation.
- the energy policy issue area of energetics/net energy analysis.

The Oklahoma Court of Civil Appeals expressed moderate interest in:

- the energy source areas of biomass, hydropower, solar, and wind.
- the energy transformations areas of biomass: heat, biomass: gasification, co-generation, and photovoltaics.
- the energy applications area of CO₂ capture/carbon sequestration, facility siting, environmental impact assessment, and storage/hydrogen/transmission.
- no energy policy issue areas.

11. Oklahoma Department of Mines

Mission Statement: To protect the environment of the state, to protect the health and safety of the miners, and to protect the life, health, and property of the citizens who are affected through enforcement of the state mining and reclamation laws.

History and Function: The Department of Mines enforces and implements various provisions of state and federally-mandated programs in health, safety, mining and land reclamation practices associated with surface and subsurface mining. The department has programs to 1) safeguard human health and safety; 2) issue permits and inspect all mining operations for land reclamation; 3) minimize environmental impact to land, air and water quality; and 4) regulate blasting of a mine site. The department also conducts courses in first aid, mine safety, and accident prevention.

Overview of Response: The Oklahoma Department of Mines expressed high interest in:

- the energy source areas of other: coal.
- no energy transformations areas.
- no energy applications areas.
- no energy policy issue areas.

The Oklahoma Department of Mines expressed moderate interest in:

- no energy source areas.
- no energy transformations areas.
- the energy applications area of stationary power generation.
- no energy policy issue areas.

12. Oklahoma Department of Public Safety, Nonresident Violator Compact Division

Mission Statement: Working to provide a safe and secure environment for the public through courteous, quality, and professional services.

History and Function: The Oklahoma Department of Public Safety is a multi-service safety and law enforcement organization, created by state statute to administer to the protection and needs of Oklahoma citizens including both their personal well-being and their vehicular safety.

Overview of Response: The Nonresident Violator Compact Division of the Department of Public Safety expressed high interest in:

- no energy source areas.
- no energy transformations areas.
- the energy applications area of mobile/vehicular use/transportation.
- no energy policy issue areas.

The Nonresident Violator Compact Division of the Department of Public Safety expressed moderate interest in:

- the energy source areas of efficiency.
- no energy transformations areas.
- no energy applications areas.
- no energy policy issue areas.

13. Oklahoma Department of Wildlife Conservation

Mission Statement: The mission of the Oklahoma Department of Wildlife Conservation is to manage Oklahoma's wildlife resources and habitat to provide scientific, educational, aesthetic, economic, and recreational benefits for present and future generations of hunters, anglers, and others who appreciate wildlife.

History and Function: No history and function for the Oklahoma Department of Wildlife Conservation was available.

Overview of Response: The Oklahoma Department of Wildlife Conservation expressed high interest in:

- the energy source areas of biomass, efficiency, hydropower, and wind.
- the energy transformations areas of biomass: gasification, biomass: liquid fuels, and wind turbines.
- the energy applications area of conservation, facility siting, and environmental impact assessment.
- no energy policy issue areas.

The Oklahoma Department of Wildlife Conservation expressed moderate interest in:

- the energy source areas of municipal solid waste/recycling and solar.
- the energy transformations areas of biomass: heat, co-generation, hydrogen, and photovoltaics.
- the energy applications areas of CO² capture/carbon sequestration, mobile/vehicular use/transportation, stationary power generation, and storage/hydrogen/transmission.
- the energy policy issue areas of climate change/carbon sequestration, deregulation of electric utilities, distributed power systems, economics/incentives/subsidies, and energetics/net energy analysis.

14. Oklahoma Educational Television Authority

Mission Statement: To make educational television services available to all Oklahoma citizens on a coordinated statewide basis, through the various educational and cultural agencies in Oklahoma, under the direction and supervision of the authority.

History and Function: A statutory corporation created by law in 1953, OETA makes instructional and public television services available to all citizens of Oklahoma on a coordinated statewide basis. Four transmitters, located at Channel 13 in Oklahoma City, Channel 11 in Tulsa, Channel 3 in Eufaula, and Channel 12 in Cheyenne, with fifteen translators located statewide, extend OETA's services throughout Oklahoma. OETA has offices and production studios in both Oklahoma City and Tulsa and works with the State Department of Education for in-school Instructional Television programs (ITV).

Overview of Response: The Oklahoma Educational Television Authority expressed high interest in:

- the energy source area of efficiency.
- the energy transformations areas of photovoltaics and wind turbines.
- the energy applications areas of conservation, facility siting, stationary power generation, and storage/hydrogen/transmission.
- the energy policy issue areas of deregulation of electric utilities, distributed power systems, and economics/incentives/subsidies.

The Oklahoma Educational Television Authority expressed moderate interest in:

- the energy source area of municipal solid waste/recycling.
- the energy transformations areas of fuel cells and hydrogen.
- the energy applications area of environmental impact assessment.
- the energy policy issue area of energetics/net energy analysis.

15. Oklahoma Historic Preservation Review Committee

Mission Statement: To provide advice to the Historic Preservation Officer.

History and Function: Established in 1969 as a part of the State of Oklahoma's participation in the newly created federal preservation programs, the committee membership is composed of citizen members as well as professionals in the areas of history, architecture, architectural history, historic archeology, and prehistoric archeology. The committee provides comments to the state Historic preservation officer about proposed nominations to the National Register of Historic Places and other preservation issues as appropriate. Additionally, the committee comments on nominations to the State Register of Historic Places.

Overview of Response: The Oklahoma Historic Preservation Review Committee expressed high interest in:

- the energy source area of hydropower.
- no energy transformations areas.
- the energy applications areas of facility siting and environmental impact assessment.
- no energy policy issue areas.

The Oklahoma Historic Preservation Review Committee expressed moderate interest in:

- no energy source areas.
- no energy transformations areas.
- the energy applications areas of storage/hydrogen/transmission.
- no energy policy issue areas.

16. Oklahoma House of Representatives, Oklahoma Commission on Interstate Cooperation

Mission Statement: No mission statement for the Oklahoma House of Representatives, Oklahoma Commission on Interstate Cooperation was available.

History and Function: The Oklahoma Commission on Interstate Cooperation is composed of the Joint Committee on Interstate Cooperation and the Governor's Committee on Interstate Cooperation. The President Pro Tempore of the Oklahoma Senate and the Speaker of the House serve alternately each year as ex officio chair and vice chair.

Overview of Response: The Oklahoma Commission on Interstate Cooperation expressed high interest in:

- the energy source area of wind.
- the energy transformations area of wind turbines.
- the energy applications area of facility siting and environmental impact assessment.
- the energy policy issue areas if economics/incentives/subsidies and energetics/net energy analysis.

The Oklahoma Commission on Interstate Cooperation expressed moderate interest in:

- the energy source areas of biomass, efficiency, geothermal, hydropower, municipal solid waste/recycling, and solar.
- the energy transformations areas of biomass: heat, biomass: gasification, biomass: liquid fuels, co-generation, fuel cells, hydrogen, photovoltaics, and miniturbines.
- the energy applications areas of CO₂ capture/carbon sequestration, conservation, mobile/vehicular use/transportation, stationary power generation, and storage/hydrogen/transmission.
- the energy policy issue areas climate change/carbon sequestration, deregulation of electric utilities, and distributed power systems.

17. Oklahoma Liquefied Petroleum Gas Board

Mission Statement: To protect the health and welfare of the citizens of Oklahoma by promulgation of standards for the storage, handling, and installation of liquefied petroleum gases as adopted by the National Fire Protection Association (NFPA) in 1969 and published in its Pamphlet No. 58 and No. 54 including subsequent changes and/or additions to these standards adopted by NFPA.

History and Function: Created by the Oklahoma Legislature in 1953 to regulate the industry within the state, the board issues dealer and manager permits after applicants qualify by written examination. It also executes and enforces all laws relating to the handling, using, storing, selling, distributing, transporting, and manufacturing of butane, propane, and other liquefied petroleum gases and installation of liquefied petroleum gas systems. Administrative costs of the board are borne by collection of licenses and other fees that are deposited in L.P. Gas Administration Revolving Fund.

Overview of Response: The Oklahoma Liquefied Petroleum Gas Board expressed high interest in:

- the energy source areas of efficiency, and other (emergency, propane, electricity generating, homeland security).
- the energy transformations areas of fuel cells, hydrogen, turbines – miniturbines and other (fuel cells, propane to hydrogen to fuel cell).
- the energy applications areas of conservation, facility siting, environmental impact assessment, mobile/vehicular use/transportation, storage/hydrogen/transmission and other (add more propane dispensers at stations).
- the energy policy issue areas of deregulation of electric utilities, distributed power systems, economics/incentives/subsidies, energetics/net energy analysis and other (incentives/subsidies – propane powered vehicle, ½ ton to 15 ton trucks and cars).

The Oklahoma Liquefied Petroleum Gas Board expressed moderate interest in:

- the energy source areas of solar and wind.
- the energy transformations areas of biomass: heat, biomass: gasification, biomass: liquid fuels, co-generation, photovoltaics, and wind turbines.
- the energy applications areas of CO² capture/carbon sequestration and stationary power generation.
- the energy policy issue area of climate change/carbon sequestration.

18. Oklahoma Municipal Power Authority

Mission Statement: To provide competitively priced electric service at the lowest cost possible, offering additional services that allow members to enjoy the full benefits of municipal ownership and giving consideration to the needs of member cities served.

History and Function: Authorization for formation of the OMPA was granted by the Oklahoma Legislature under the auspices of the Oklahoma Municipal Power Authority Act passed in June 1981. A joint action agency created for the purpose of providing an adequate, reliable, and affordable supply of electrical power and energy to Oklahoma's municipally owned electric systems. OMPA is a consumer owned public entity. OMPA serves thirty-five cities in Oklahoma. Six-member cities—Fairview, Kingfisher, Laverne, Mangum, Pawhuska, and Ponca City—have municipal diesel generating plants, which are contracted to OMPA for operation and dispatched through the OMPA Operations Center in Edmond. Ponca City also has two steam generating units. Through OMPA, member cities also are joint owners of generating plants in three states: Louisiana, Texas, and Oklahoma. In addition, the authority owns 100 percent of the Kaw Hydroelectric Plant located on Kaw Reservoir, just east of Ponca City, and a combustion turbine at the Ponca City Power Plant.

Overview of Response: The Oklahoma Municipal Power Authority expressed high interest in:

- the energy source areas of efficiency, geothermal, hydropower, wind.
- the energy transformations areas of fuel cells and turbines.
- the energy applications areas of conservation, facility siting, environmental impact assessment and stationary power generation.
- the energy policy issue areas of climate change/carbon sequestration, deregulation of electric utilities, distributed power systems, economics/incentives/subsidies and energetics/net energy analysis.

The Oklahoma Municipal Power Authority expressed moderate interest in:

- the energy source area of solar.
- the energy transformations areas of hydrogen, photovoltaics, and mini-turbines.
- the energy applications areas of mobile/vehicular use/transportation and storage/hydrogen/transmission.
- no energy policy issue areas.

19. Oklahoma State Bureau of Investigation

Mission Statement: The mission over every OSBI member is to ensure the safety and security of the citizens of Oklahoma.

History and Function: The OSBI was created by statute in 1925. On July 1, 1976, the agency, by law, was removed from the Governor's Office and placed under the newly created OSBI Commission, whose members are appointed by the governor and confirmed by the Oklahoma Senate. The OSBI is the general investigative agency of Oklahoma and provides services in support of law enforcement throughout the state. Its statutory duties are to: (1) Maintain scientific laboratories to assist all law enforcement agencies in the discovery and detection of criminal activity; (2) Maintain fingerprint and other identification files; (3) Operate teletype, mobile and fixed radio or other communication systems; (4) Conduct schools and training programs for the agents, peace officers and technicians of the state charged with the enforcement of law and order and the investigation and detection of crime; (5) Assist all law enforcement officers and district attorneys when such assistance is requested, and according to policy determined by the OSBI Commission; (6) Investigate and detect criminal activity as directed by the governor; (7) Maintain a Uniform Crime Reporting system; collect and correlate information; compile statistics on the volume and nature of crime and the administration of criminal justice within the state.

Overview of Response: The Oklahoma State Bureau of Investigation expressed high interest in:

- the energy source area of efficiency.
- the energy transformations areas of biomass: gasification, biomass: liquid fuels, fuel cells, hydrogen, and photovoltaics.
- no energy applications areas.
- the energy policy issue areas of climate change/carbon sequestration, and energetics/net energy analysis.

The Oklahoma State Bureau of Investigation expressed moderate interest in:

- the energy source areas of biomass, hydropower, solar, and wind.
- the energy transformations areas of biomass: heat, co-generation, miniturbines, and wind turbines.
- no energy applications areas.
- the energy policy issue areas of deregulation of electric utilities, distributed power systems, and economics/incentives/subsidies.

20. Oklahoma State Regents for Higher Education

Mission Statement: To build a nationally competitive system of higher education that will provide educational programs and services universally recognized for excellence, expand frontiers of knowledge, and enhance quality of life.

History and Function: The Oklahoma State Regents for Higher Education is the statewide coordinating board of control for the state's twenty-five colleges and universities, ten constituent agencies, and two higher education programs. The State Regents for Higher Education prescribe academic standards of higher education, determine functions and courses of study at state colleges and universities, grant degrees, recommend to the Oklahoma Legislature budget allocations for each college and university, and recommend proposed fees within limits set by the legislature. The state regents also manage twenty seven scholarship and special programs. In addition, in cooperation with the Office of State Finance, the state regents operate OneNet, the state's information and telecommunications network for education and government. The regents also oversee the Oklahoma Guaranteed Student Loan Program, which guarantees loans made to students by the private sector.

Overview of Response: The Oklahoma State Regents for Higher Education expressed high interest in:

- the energy source areas of biomass, efficiency, and wind.
- the energy transformations areas of wind turbines.
- the energy applications areas of CO₂ capture/carbon sequestration, conservation, and environmental impact assessment.
- the energy policy issue areas of climate change/carbon sequestration, economics/incentives/subsidies, and energetics/net energy analysis.

The Oklahoma State Regents for Higher Education expressed moderate interest in:

- the energy source areas of municipal solid waste/recycling and solar.
- the energy transformations areas of biomass: heat, biomass: gasification, biomass: liquid fuels, fuel cells, photovoltaics, and miniturbines.
- the energy applications area of facility siting.
- no energy policy issue areas.

21. Office of the Oklahoma Secretary of Science and Technology/President of Oklahoma State University Center for Innovation and Economic Development, Inc.

Mission Statement: To oversee all efforts to use science and technology to improve government to better serve the citizens of Oklahoma.

History and Function: No history and function of the Office of the Oklahoma Secretary of Science and Technology was available.

Overview of Response: The Office of the Oklahoma Secretary of Science and Technology expressed high interest in:

- the energy source areas of biomass and solar.
- the energy transformations areas of biomass: heat, biomass: gasification, biomass: liquid fuels, co-generation, fuel cells, hydrogen, photovoltaics, miniturbines, and wind turbines.
- the energy applications areas of CO₂ capture/carbon sequestration, conservation, environmental impact assessment, mobile/vehicular use/transportation, and stationary power generation.
- the energy policy issue areas of climate change/carbon sequestration and economics/incentives/subsidies.

The Office of the Oklahoma Secretary of Science and Technology expressed moderate interest in:

- the energy source areas of efficiency, geothermal, hydropower, municipal solid waste recycling, and wind.
- no energy transformations areas.
- the energy applications areas of facility siting and storage/hydrogen/transmission.
- the energy policy issue areas of deregulation of electric utilities, distributed power systems, and energetics/net energy analysis.

22. Oklahoma Water Resources Board, Canadian River Commission

Mission Statement: To manage and protect the water resources of the state and plan for Oklahoma's long range water needs in a responsive, innovative, and professional manner to ensure that all Oklahomans have adequate quantities of good water.

History and Function: Composed of representatives from the states of Oklahoma, New Mexico, and Texas, the commission's principal duties are to promote interstate comity in relation to the waters of the Canadian River and to provide for the construction of additional works to conserve the waters of the Canadian.

Overview of Response: The Oklahoma Water Resources Board's Canadian River Commission expressed high interest in:

- the energy source area of hydropower.
- no energy transformations areas.
- the energy applications areas of facility siting, environmental impact assessment, and stationary power generation.
- no energy policy issue areas.

The Oklahoma Water Resources Board's Canadian River Commission expressed moderate interest in:

- the energy source areas of biomass, efficiency, geothermal, and solar/brine ponds.
- the energy transformations areas of biomass: gasification, biomass: liquid fuels, co-generation, fuel cells, and hydrogen.
- the energy applications areas of CO₂ capture/carbon sequestration and conservation.
- the energy policy issue areas of climate change/carbon sequestration and distributed power systems.

23. Sam Noble Oklahoma Museum of Natural History

Mission Statement: The Sam Noble Oklahoma Museum of Natural History at The University of Oklahoma inspires minds to understand the natural and cultural world through collection-based discovery, interpretation, and education.

History and Function: An organized research unit of the University of Oklahoma, the Sam Noble Oklahoma Museum of Natural History was founded in 1899, and was designated the state museum of natural history by act of the Oklahoma Legislature in 1987 (Okla. Statutes, Title 70, Section 3309.1). The mission of the museum is to conduct research, participate in higher education, disseminate information to the people of Oklahoma, and collect and preserve the tangible record of Oklahoma's natural and cultural history, which the museum holds in trust for the people of Oklahoma. The museum is accredited by the American Association of Museums and regularly undergoes national accreditation reviews.

Overview of Response: The Sam Noble Oklahoma Museum of Natural History expressed high interest in:

- the energy source areas of biomass, efficiency, municipal solid waste/recycling, solar, and wind.
- the energy transformations areas of biomass: heat, biomass: gasification, biomass: liquid fuels, co-generation, fuel cells, hydrogen, photovoltaics, miniturbines, and wind turbines.
- the energy applications area of conservation, facility siting, environmental impact assessment, mobile/vehicular use/transportation, and stationary power generation.
- the energy policy issue area of climate change/carbon sequestration.

The Sam Noble Oklahoma Museum of Natural History expressed moderate interest in:

- the energy source area of geothermal and hydropower.
- no energy transformations areas.
- no energy applications areas.
- no energy policy issue areas.

24. State Board of Registration for Foresters

Mission Statement: To protect the public from irresponsible disregard for the conservation of the state's forests by licensing individuals qualified to be foresters by reason of education or experience in the practice of forestry.

History and Function: Appointed by the governor, board members must have ten years experience in forestry or related industries. Their principal duty is to register and license foresters for the benefit and protection of the public. This agency is re-created until July 1, 2012.

Overview of Response: The State Board of Registration for Foresters expressed high interest in:

- the energy source area of biomass.
- the energy transformations areas of biomass: heat and biomass: gasification.
- the energy applications area of CO² capture/carbon sequestration.
- the energy policy issue area of climate change/carbon sequestration.

The State Board of Registration for Foresters expressed moderate interest in:

- the energy source area of municipal solid waste/recycling.
- the energy transformations area of co-generation.
- the energy applications areas of conservation and environmental impact assessment.
- the energy policy issue areas of distributed power systems and economics/incentives/subsidies.

25. State Department of Corrections Board

Mission Statement: To protect the public, the employees, and the offender.

History and Function: In May 1967 the Oklahoma Corrections Act was signed into law by Governor Dewey F. Bartlett. Governed by a bipartisan, seven-member board of gubernatorial appointees serving six-year staggered terms, the Board of Corrections establishes and reviews policies for the department's operation, appoints a director, and reviews appointments of management personnel. The department protects the public, the employees, and the offenders, and is responsible for the operation of seventeen institutions ranging from maximum to minimum security, seven probation and parole offices, five community corrections centers, and fifteen work centers.

Overview of Response: The State Department of Corrections Board expressed high interest in:

- the energy source area of efficiency.
- no energy transformations areas.
- the energy applications area of conservation.
- the energy policy issue areas of deregulation of electric utilities and economics/incentives/subsidies.

The State Department of Corrections Board expressed moderate interest in:

- the energy source areas of municipal solid waste/recycling, solar, and wind.
- the energy transformations area of hydrogen.
- the energy applications area of stationary power generation.
- no energy policy issue areas.

Acknowledgements

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Appendix: Survey Data Analysis

This appendix provides each agency's response to each survey question in pivot table format. The mode, median, and mean to each question are also included. Two responses to the survey from the state legislature are also included for informational purposes. As this is an exploratory analysis, no statistical validity should be inferred from their inclusion.

Each agency was asked to rank its interest level in the following topics related to emerging energy sources utilizing the following scale:

- High Interest (4)
- Moderate Interest (3)
- Low Interest (2)
- No Interest (1)
- Does Not Apply (0).

Part I. Agency Interest in Energy Sources

1. Biomass – Geographic distribution and abundance of plants, trees, agricultural crops and their residues.

Secretary of Safety and Security	0
Secretary of Science and Technology	4
Oklahoma House Of Representatives - Member	4
Oklahoma House Of Representatives - Member	3
Oklahoma Court of Civil Appeals	3
Oklahoma Archaeological Survey	0
Archives and Records Commission	2
Canadian River Commission	3
Oklahoma Capitol Improvement Authority	0
State Department of Corrections Board	0
Crime Victims Compensation Board	0
Oklahoma Board of Dentistry	0
Interstate Agreement on the Qualification of Educational Personnel	1
Environmental Quality Board: Air Quality Advisory Council	3
State Board of Registration for Foresters	4
Oklahoma Historic Preservation Review Committee	0
Historical Records Advisory Board	2
Oklahoma House of Representatives, Oklahoma Commission on Interstate Cooperation	3
Oklahoma State Bureau of Investigation	3
Board of Juvenile Affairs	1
Oklahoma Liquefied Petroleum Gas Board	2
Department of Mines	2
Oklahoma Municipal Power Authority	1
Oklahoma Department of Public Safety, Nonresident Violator Compact	4
Oklahoma State Regents for Higher Education	4
Boards of Directors of the Tobacco Settlement Endowment Trust Fund	0
Department of Wildlife Conservation	4

Mode: 0
 Median: 2
 Mean: 1.96

2. Efficiency – More productivity with the same or less energy

Secretary of Safety and Security	3
Secretary of Science and Technology	3
Oklahoma House Of Representatives - Member	4
Oklahoma House Of Representatives - Member	4
Oklahoma Court of Civil Appeals	4
Oklahoma Archaeological Survey	0
Archives and Records Commission	3
Canadian River Commission	3
Oklahoma Capitol Improvement Authority	4
State Department of Corrections Board	4
Crime Victims Compensation Board	4
Oklahoma Board of Dentistry	0
Interstate Agreement on the Qualification of Educational Personnel	4
Environmental Quality Board: Air Quality Advisory Council	4
State Board of Registration for Foresters	2
Oklahoma Historic Preservation Review Committee	0
Historical Records Advisory Board	3
Oklahoma House of Representatives, Oklahoma Commission on Interstate Cooperation	3
Oklahoma State Bureau of Investigation	4
Board of Juvenile Affairs	2
Oklahoma Liquefied Petroleum Gas Board	4
Department of Mines	1
Oklahoma Municipal Power Authority	4
Oklahoma Department of Public Safety, Nonresident Violator Compact	4
Oklahoma State Regents for Higher Education	4
Boards of Directors of the Tobacco Settlement Endowment Trust Fund	0
Department of Wildlife Conservation	4

Mode: 4
Median: 4
Mean: 2.93

3. Geothermal – Tapping subsurface or volcanic heat sources

Secretary of Safety and Security	0
Secretary of Science and Technology	3
Oklahoma House Of Representatives - Member	2
Oklahoma House Of Representatives - Member	2
Oklahoma Court of Civil Appeals	2
Oklahoma Archaeological Survey	0
Archives and Records Commission	0
Canadian River Commission	3
Oklahoma Capitol Improvement Authority	0
State Department of Corrections Board	0
Crime Victims Compensation Board	0
Oklahoma Board of Dentistry	0
Interstate Agreement on the Qualification of Educational Personnel	1
Environmental Quality Board: Air Quality Advisory Council	2
State Board of Registration for Foresters	1
Oklahoma Historic Preservation Review Committee	2
Historical Records Advisory Board	0
Oklahoma House of Representatives, Oklahoma Commission on Interstate Cooperation	3
Oklahoma State Bureau of Investigation	2
Board of Juvenile Affairs	0
Oklahoma Liquefied Petroleum Gas Board	2
Department of Mines	0
Oklahoma Municipal Power Authority	4
Oklahoma Department of Public Safety, Nonresident Violator Compact	3
Oklahoma State Regents for Higher Education	1
Boards of Directors of the Tobacco Settlement Endowment Trust Fund	0
Department of Wildlife Conservation	2

Mode: 0
Median: 1
Mean: 1.30

4. Hydropower – Dams and reservoirs

Secretary of Safety and Security	0
Secretary of Science and Technology	3
Oklahoma House Of Representatives - Member	3
Oklahoma House Of Representatives - Member	2
Oklahoma Court of Civil Appeals	3
Oklahoma Archaeological Survey	0
Archives and Records Commission	0
Canadian River Commission	4
Oklahoma Capitol Improvement Authority	0
State Department of Corrections Board	0
Crime Victims Compensation Board	0
Oklahoma Board of Dentistry	0
Interstate Agreement on the Qualification of Educational Personnel	1
Environmental Quality Board: Air Quality Advisory Council	2
State Board of Registration for Foresters	1
Oklahoma Historic Preservation Review Committee	4
Historical Records Advisory Board	0
Oklahoma House of Representatives, Oklahoma Commission on Interstate Cooperation	3
Oklahoma State Bureau of Investigation	3
Board of Juvenile Affairs	1
Oklahoma Liquefied Petroleum Gas Board	2
Department of Mines	0
Oklahoma Municipal Power Authority	4
Oklahoma Department of Public Safety, Nonresident Violator Compact	3
Oklahoma State Regents for Higher Education	2
Boards of Directors of the Tobacco Settlement Endowment Trust Fund	0
Department of Wildlife Conservation	4

Mode: 0
Median: 2
Mean: 1.67

5. Municipal Solid Waste/Recycling – Urban trash

Secretary of Safety and Security	0
Secretary of Science and Technology	3
Oklahoma House Of Representatives - Member	4
Oklahoma House Of Representatives - Member	1
Oklahoma Court of Civil Appeals	4
Oklahoma Archaeological Survey	0
Archives and Records Commission	3
Canadian River Commission	2
Oklahoma Capitol Improvement Authority	3
State Department of Corrections Board	3
Crime Victims Compensation Board	4
Oklahoma Board of Dentistry	0
Interstate Agreement on the Qualification of Educational Personnel	3
Environmental Quality Board: Air Quality Advisory Council	4
State Board of Registration for Foresters	3
Oklahoma Historic Preservation Review Committee	0
Historical Records Advisory Board	3
Oklahoma House of Representatives, Oklahoma Commission on Interstate Cooperation	3
Oklahoma State Bureau of Investigation	2
Board of Juvenile Affairs	1
Oklahoma Liquefied Petroleum Gas Board	2
Department of Mines	0
Oklahoma Municipal Power Authority	1
Oklahoma Department of Public Safety, Nonresident Violator Compact	4
Oklahoma State Regents for Higher Education	3
Boards of Directors of the Tobacco Settlement Endowment Trust Fund	0
Department of Wildlife Conservation	3

Mode: 3
Median: 3
Mean: 2.19

6. Solar – Geographic distribution of sunshine and its intensity

Secretary of Safety and Security	0
Secretary of Science and Technology	4
Oklahoma House Of Representatives - Member	3
Oklahoma House Of Representatives - Member	2
Oklahoma Court of Civil Appeals	3
Oklahoma Archaeological Survey	0
Archives and Records Commission	2
Canadian River Commission	2
Oklahoma Capitol Improvement Authority	3
State Department of Corrections Board	3
Crime Victims Compensation Board	0
Oklahoma Board of Dentistry	0
Interstate Agreement on the Qualification of Educational Personnel	1
Environmental Quality Board: Air Quality Advisory Council	4
State Board of Registration for Foresters	1
Oklahoma Historic Preservation Review Committee	0
Historical Records Advisory Board	1
Oklahoma House of Representatives, Oklahoma Commission on Interstate Cooperation	3
Oklahoma State Bureau of Investigation	3
Board of Juvenile Affairs	2
Oklahoma Liquefied Petroleum Gas Board	3
Department of Mines	0
Oklahoma Municipal Power Authority	3
Oklahoma Department of Public Safety, Nonresident Violator Compact	4
Oklahoma State Regents for Higher Education	3
Boards of Directors of the Tobacco Settlement Endowment Trust Fund	0
Department of Wildlife Conservation	3

Mode: 3
Median: 2
Mean: 1.96

7. Wind – Geographic distribution of wind and its intensity

Secretary of Safety and Security	0
Secretary of Science and Technology	3
Oklahoma House Of Representatives - Member	4
Oklahoma House Of Representatives - Member	2
Oklahoma Court of Civil Appeals	3
Oklahoma Archaeological Survey	0
Archives and Records Commission	2
Canadian River Commission	2
Oklahoma Capitol Improvement Authority	3
State Department of Corrections Board	3
Crime Victims Compensation Board	0
Oklahoma Board of Dentistry	0
Interstate Agreement on the Qualification of Educational Personnel	1
Environmental Quality Board: Air Quality Advisory Council	4
State Board of Registration for Foresters	2
Oklahoma Historic Preservation Review Committee	0
Historical Records Advisory Board	2
Oklahoma House of Representatives, Oklahoma Commission on Interstate Cooperation	4
Oklahoma State Bureau of Investigation	3
Board of Juvenile Affairs	2
Oklahoma Liquefied Petroleum Gas Board	3
Department of Mines	0
Oklahoma Municipal Power Authority	4
Oklahoma Department of Public Safety, Nonresident Violator Compact	4
Oklahoma State Regents for Higher Education	4
Boards of Directors of the Tobacco Settlement Endowment Trust Fund	0
Department of Wildlife Conservation	4

Mode: 0
Median: 2
Mean: 2.19

8. Other _____

The Oklahoma Archaeological Survey responded with a high interest (4) in "cultural resources – wind, geothermal, solar."

The Oklahoma Department of Mines responded with a high interest (4) in "coal."

The Oklahoma Water Resources Board responded with a high interest (4) in "solar/brine ponds."

The Oklahoma Liquefied Petroleum Gas Administration responded with a high interest (4) in "emergency – propane – elect. generating – homeland security."

Part II. Agency Interest in Energy Transformations

1. Biomass: Heat – Direct combustion

Secretary of Safety and Security	0
Secretary of Science and Technology	4
Oklahoma House Of Representatives - Member	3
Oklahoma House Of Representatives - Member	1
Oklahoma Court of Civil Appeals	3
Oklahoma Archaeological Survey	0
Archives and Records Commission	2
Canadian River Commission	2
Oklahoma Capitol Improvement Authority	3
State Department of Corrections Board	0
Crime Victims Compensation Board	0
Oklahoma Board of Dentistry	0
Interstate Agreement on the Qualification of Educational Personnel	1
Environmental Quality Board: Air Quality Advisory Council	4
State Board of Registration for Foresters	4
Oklahoma Historic Preservation Review Committee	0
Historical Records Advisory Board	2
Oklahoma House of Representatives, Oklahoma Commission on Interstate Cooperation	3
Oklahoma State Bureau of Investigation	3
Board of Juvenile Affairs	1
Oklahoma Liquefied Petroleum Gas Board	3
Department of Mines	0
Oklahoma Municipal Power Authority	1
Oklahoma Department of Public Safety, Nonresident Violator Compact	4
Oklahoma State Regents for Higher Education	3
Boards of Directors of the Tobacco Settlement Endowment Trust Fund	0
Department of Wildlife Conservation	3

Mode: 0
 Median: 2
 Mean: 1.85

2. Biomass: Gasification – Transforming biological materials into a combustible gas

Secretary of Safety and Security	0
Secretary of Science and Technology	4
Oklahoma House Of Representatives - Member	3
Oklahoma House Of Representatives - Member	2
Oklahoma Court of Civil Appeals	3
Oklahoma Archaeological Survey	0
Archives and Records Commission	2
Canadian River Commission	3
Oklahoma Capitol Improvement Authority	3
State Department of Corrections Board	0
Crime Victims Compensation Board	0
Oklahoma Board of Dentistry	0
Interstate Agreement on the Qualification of Educational Personnel	1
Environmental Quality Board: Air Quality Advisory Council	4
State Board of Registration for Foresters	4
Oklahoma Historic Preservation Review Committee	0
Historical Records Advisory Board	2
Oklahoma House of Representatives, Oklahoma Commission on Interstate Cooperation	3
Oklahoma State Bureau of Investigation	4
Board of Juvenile Affairs	1
Oklahoma Liquefied Petroleum Gas Board	3
Department of Mines	0
Oklahoma Municipal Power Authority	1
Oklahoma Department of Public Safety, Nonresident Violator Compact	4
Oklahoma State Regents for Higher Education	3
Boards of Directors of the Tobacco Settlement Endowment Trust Fund	0
Department of Wildlife Conservation	4

Mode: 0
 Median: 2
 Mean: 2

3. Biomass: Liquid fuels – Production of fuel ethanol or methanol from agricultural crops, grasses, or residues

Secretary of Safety and Security	2
Secretary of Science and Technology	4
Oklahoma House Of Representatives - Member	4
Oklahoma House Of Representatives - Member	2
Oklahoma Court of Civil Appeals	2
Oklahoma Archaeological Survey	0
Archives and Records Commission	2
Canadian River Commission	3
Oklahoma Capitol Improvement Authority	3
State Department of Corrections Board	0
Crime Victims Compensation Board	4
Oklahoma Board of Dentistry	0
Interstate Agreement on the Qualification of Educational Personnel	2
Environmental Quality Board: Air Quality Advisory Council	4
State Board of Registration for Foresters	2
Oklahoma Historic Preservation Review Committee	0
Historical Records Advisory Board	2
Oklahoma House of Representatives, Oklahoma Commission on Interstate Cooperation	3
Oklahoma State Bureau of Investigation	4
Board of Juvenile Affairs	1
Oklahoma Liquefied Petroleum Gas Board	3
Department of Mines	0
Oklahoma Municipal Power Authority	1
Oklahoma Department of Public Safety, Nonresident Violator Compact	4
Oklahoma State Regents for Higher Education	3
Boards of Directors of the Tobacco Settlement Endowment Trust Fund	0
Department of Wildlife Conservation	4

Mode: 2
 Median: 2
 Mean: 2.19

4. Co-generation – Use of waste heat for space heating

Secretary of Safety and Security	0
Secretary of Science and Technology	4
Oklahoma House Of Representatives - Member	3
Oklahoma House Of Representatives - Member	2
Oklahoma Court of Civil Appeals	3
Oklahoma Archaeological Survey	0
Archives and Records Commission	2
Canadian River Commission	3
Oklahoma Capitol Improvement Authority	3
State Department of Corrections Board	2
Crime Victims Compensation Board	0
Oklahoma Board of Dentistry	0
Interstate Agreement on the Qualification of Educational Personnel	1
Environmental Quality Board: Air Quality Advisory Council	4
State Board of Registration for Foresters	3
Oklahoma Historic Preservation Review Committee	0
Historical Records Advisory Board	2
Oklahoma House of Representatives, Oklahoma Commission on Interstate Cooperation	3
Oklahoma State Bureau of Investigation	3
Board of Juvenile Affairs	2
Oklahoma Liquefied Petroleum Gas Board	3
Department of Mines	0
Oklahoma Municipal Power Authority	2
Oklahoma Department of Public Safety, Nonresident Violator Compact	4
Oklahoma State Regents for Higher Education	2
Boards of Directors of the Tobacco Settlement Endowment Trust Fund	0
Department of Wildlife Conservation	3

Mode: 3
 Median: 2
 Mean: 2

5. Fuel Cells – Electrochemical production of electricity from hydrogen with water as a waste product

Secretary of Safety and Security	0
Secretary of Science and Technology	4
Oklahoma House Of Representatives - Member	4
Oklahoma House Of Representatives - Member	3
Oklahoma Court of Civil Appeals	4
Oklahoma Archaeological Survey	0
Archives and Records Commission	2
Canadian River Commission	3
Oklahoma Capitol Improvement Authority	4
State Department of Corrections Board	2
Crime Victims Compensation Board	0
Oklahoma Board of Dentistry	0
Interstate Agreement on the Qualification of Educational Personnel	3
Environmental Quality Board: Air Quality Advisory Council	4
State Board of Registration for Foresters	1
Oklahoma Historic Preservation Review Committee	0
Historical Records Advisory Board	2
Oklahoma House of Representatives, Oklahoma Commission on Interstate Cooperation	3
Oklahoma State Bureau of Investigation	4
Board of Juvenile Affairs	1
Oklahoma Liquefied Petroleum Gas Board	4
Department of Mines	0
Oklahoma Municipal Power Authority	4
Oklahoma Department of Public Safety, Nonresident Violator Compact	4
Oklahoma State Regents for Higher Education	3
Boards of Directors of the Tobacco Settlement Endowment Trust Fund	0
Department of Wildlife Conservation	2

Mode: 4
Median: 3
Mean: 2.26

6. Hydrogen – Clean energy source produced from water, biomass, or fossil fuels.

Secretary of Safety and Security	0
Secretary of Science and Technology	4
Oklahoma House Of Representatives - Member	4
Oklahoma House Of Representatives - Member	3
Oklahoma Court of Civil Appeals	4
Oklahoma Archaeological Survey	0
Archives and Records Commission	2
Canadian River Commission	3
Oklahoma Capitol Improvement Authority	4
State Department of Corrections Board	3
Crime Victims Compensation Board	4
Oklahoma Board of Dentistry	0
Interstate Agreement on the Qualification of Educational Personnel	3
Environmental Quality Board: Air Quality Advisory Council	4
State Board of Registration for Foresters	2
Oklahoma Historic Preservation Review Committee	0
Historical Records Advisory Board	2
Oklahoma House of Representatives, Oklahoma Commission on Interstate Cooperation	3
Oklahoma State Bureau of Investigation	4
Board of Juvenile Affairs	2
Oklahoma Liquefied Petroleum Gas Board	4
Department of Mines	0
Oklahoma Municipal Power Authority	3
Oklahoma Department of Public Safety, Nonresident Violator Compact	4
Oklahoma State Regents for Higher Education	2
Boards of Directors of the Tobacco Settlement Endowment Trust Fund	0
Department of Wildlife Conservation	3

Mode: 4
Median: 3
Mean: 2.48

7. Photovoltaics – Solar-powered technology that produces electricity with no emissions.

Secretary of Safety and Security	2
Secretary of Science and Technology	4
Oklahoma House Of Representatives - Member	3
Oklahoma House Of Representatives - Member	2
Oklahoma Court of Civil Appeals	3
Oklahoma Archaeological Survey	0
Archives and Records Commission	2
Canadian River Commission	2
Oklahoma Capitol Improvement Authority	4
State Department of Corrections Board	2
Crime Victims Compensation Board	0
Oklahoma Board of Dentistry	0
Interstate Agreement on the Qualification of Educational Personnel	4
Environmental Quality Board: Air Quality Advisory Council	3
State Board of Registration for Foresters	1
Oklahoma Historic Preservation Review Committee	0
Historical Records Advisory Board	2
Oklahoma House of Representatives, Oklahoma Commission on Interstate Cooperation	3
Oklahoma State Bureau of Investigation	4
Board of Juvenile Affairs	2
Oklahoma Liquefied Petroleum Gas Board	3
Department of Mines	0
Oklahoma Municipal Power Authority	3
Oklahoma Department of Public Safety, Nonresident Violator Compact	4
Oklahoma State Regents for Higher Education	3
Boards of Directors of the Tobacco Settlement Endowment Trust Fund	0
Department of Wildlife Conservation	3

Mode: 3
 Median: 2
 Mean: 2.19

8. Turbines - Miniturbines (microturbines) – Small natural gas-fired combined cycle turbines used to power buildings and related facilities.

Secretary of Safety and Security	1
Secretary of Science and Technology	4
Oklahoma House Of Representatives - Member	4
Oklahoma House Of Representatives - Member	1
Oklahoma Court of Civil Appeals	4
Oklahoma Archaeological Survey	0
Archives and Records Commission	2
Canadian River Commission	2
Oklahoma Capitol Improvement Authority	3
State Department of Corrections Board	2
Crime Victims Compensation Board	0
Oklahoma Board of Dentistry	0
Interstate Agreement on the Qualification of Educational Personnel	1
Environmental Quality Board: Air Quality Advisory Council	4
State Board of Registration for Foresters	1
Oklahoma Historic Preservation Review Committee	0
Historical Records Advisory Board	2
Oklahoma House of Representatives, Oklahoma Commission on Interstate Cooperation	3
Oklahoma State Bureau of Investigation	3
Board of Juvenile Affairs	1
Oklahoma Liquefied Petroleum Gas Board	4
Department of Mines	0
Oklahoma Municipal Power Authority	3
Oklahoma Department of Public Safety, Nonresident Violator Compact	4
Oklahoma State Regents for Higher Education	3
Boards of Directors of the Tobacco Settlement Endowment Trust Fund	0
Department of Wildlife Conservation	2

Mode: 4
 Median: 2
 Mean: 2

9. Turbines- Wind- Small and large electric turbines commonly used at a scale from 10 Kilowatts to 1.5 Megawatts and larger.

Secretary of Safety and Security	2
Secretary of Science and Technology	4
Oklahoma House Of Representatives - Member	4
Oklahoma House Of Representatives - Member	3
Oklahoma Court of Civil Appeals	4
Oklahoma Archaeological Survey	0
Archives and Records Commission	3
Canadian River Commission	2
Oklahoma Capitol Improvement Authority	4
State Department of Corrections Board	2
Crime Victims Compensation Board	0
Oklahoma Board of Dentistry	0
Interstate Agreement on the Qualification of Educational Personnel	4
Environmental Quality Board: Air Quality Advisory Council	4
State Board of Registration for Foresters	1
Oklahoma Historic Preservation Review Committee	0
Historical Records Advisory Board	3
Oklahoma House of Representatives, Oklahoma Commission on Interstate Cooperation	4
Oklahoma State Bureau of Investigation	3
Board of Juvenile Affairs	1
Oklahoma Liquefied Petroleum Gas Board	3
Department of Mines	0
Oklahoma Municipal Power Authority	4
Oklahoma Department of Public Safety, Nonresident Violator Compact	4
Oklahoma State Regents for Higher Education	4
Boards of Directors of the Tobacco Settlement Endowment Trust Fund	0
Department of Wildlife Conservation	4

Mode: 4
Median: 3
Mean: 2.48

10. Other _____

The Oklahoma Liquefied Petroleum Gas Administration responded with a high interest (4) in "fuel cells – propane to hydrogen to fuel cell."

Part III. Agency interest in Energy Applications

1. CO₂ Capture/Carbon Sequestration – Capture of carbon dioxide exhaust from combustion processes and its long-term storage in surface biomass (green plants/trees) or underground reservoirs (partially evacuated oil and gas reservoirs)

Secretary of Safety and Security	0	Mode: 0
Secretary of Science and Technology	4	Median: 1
Oklahoma House Of Representatives - Member	3	Mean: 1.70
Oklahoma House Of Representatives - Member	1	
Oklahoma Court of Civil Appeals	3	
Oklahoma Archaeological Survey	0	
Archives and Records Commission	2	
Canadian River Commission	3	
Oklahoma Capitol Improvement Authority	4	
State Department of Corrections Board	0	
Crime Victims Compensation Board	0	
Oklahoma Board of Dentistry	0	
Interstate Agreement on the Qualification of Educational Personnel	1	
Environmental Quality Board: Air Quality Advisory Council	4	
State Board of Registration for Foresters	4	
Oklahoma Historic Preservation Review Committee	0	
Historical Records Advisory Board	2	
Oklahoma House of Representatives, Oklahoma Commission on Interstate Cooperation	3	
Oklahoma State Bureau of Investigation	0	
Board of Juvenile Affairs	1	
Oklahoma Liquefied Petroleum Gas Board	3	
Department of Mines	0	
Oklahoma Municipal Power Authority	1	
Oklahoma Department of Public Safety, Nonresident Violator Compact	0	
Oklahoma State Regents for Higher Education	4	
Boards of Directors of the Tobacco Settlement Endowment Trust Fund	0	
Department of Wildlife Conservation	3	

2. Conservation – Reducing usage of energy

Secretary of Safety and Security	2
Secretary of Science and Technology	4
Oklahoma House Of Representatives - Member	4
Oklahoma House Of Representatives - Member	2
Oklahoma Court of Civil Appeals	4
Oklahoma Archaeological Survey	0
Archives and Records Commission	3
Canadian River Commission	3
Oklahoma Capitol Improvement Authority	4
State Department of Corrections Board	4
Crime Victims Compensation Board	4
Oklahoma Board of Dentistry	2
Interstate Agreement on the Qualification of Educational Personnel	4
Environmental Quality Board: Air Quality Advisory Council	4
State Board of Registration for Foresters	3
Oklahoma Historic Preservation Review Committee	0
Historical Records Advisory Board	3
Oklahoma House of Representatives, Oklahoma Commission on Interstate Cooperation	3
Oklahoma State Bureau of Investigation	0
Board of Juvenile Affairs	2
Oklahoma Liquefied Petroleum Gas Board	4
Department of Mines	0
Oklahoma Municipal Power Authority	4
Oklahoma Department of Public Safety, Nonresident Violator Compact	4
Oklahoma State Regents for Higher Education	4
Boards of Directors of the Tobacco Settlement Endowment Trust Fund	0
Department of Wildlife Conservation	4

Mode: 4
Median: 3
Mean: 2.78

3. Facility Siting – Issues associated with the location of energy generating system

Secretary of Safety and Security	1
Secretary of Science and Technology	3
Oklahoma House Of Representatives - Member	4
Oklahoma House Of Representatives - Member	1
Oklahoma Court of Civil Appeals	3
Oklahoma Archaeological Survey	4
Archives and Records Commission	2
Canadian River Commission	4
Oklahoma Capitol Improvement Authority	3
State Department of Corrections Board	0
Crime Victims Compensation Board	0
Oklahoma Board of Dentistry	0
Interstate Agreement on the Qualification of Educational Personnel	4
Environmental Quality Board: Air Quality Advisory Council	3
State Board of Registration for Foresters	1
Oklahoma Historic Preservation Review Committee	4
Historical Records Advisory Board	2
Oklahoma House of Representatives, Oklahoma Commission on Interstate Cooperation	4
Oklahoma State Bureau of Investigation	0
Board of Juvenile Affairs	1
Oklahoma Liquefied Petroleum Gas Board	4
Department of Mines	0
Oklahoma Municipal Power Authority	4
Oklahoma Department of Public Safety, Nonresident Violator Compact	4
Oklahoma State Regents for Higher Education	3
Boards of Directors of the Tobacco Settlement Endowment Trust Fund	0
Department of Wildlife Conservation	4

Mode: 4
Median: 3
Mean: 2.33

4. Environmental Impact Assessment – Environmental and societal impacts of locating and/or construction of energy generating systems

Secretary of Safety and Security	2
Secretary of Science and Technology	4
Oklahoma House Of Representatives - Member	4
Oklahoma House Of Representatives - Member	1
Oklahoma Court of Civil Appeals	3
Oklahoma Archaeological Survey	4
Archives and Records Commission	2
Canadian River Commission	4
Oklahoma Capitol Improvement Authority	3
State Department of Corrections Board	0
Crime Victims Compensation Board	0
Oklahoma Board of Dentistry	0
Interstate Agreement on the Qualification of Educational Personnel	3
Environmental Quality Board: Air Quality Advisory Council	4
State Board of Registration for Foresters	3
Oklahoma Historic Preservation Review Committee	4
Historical Records Advisory Board	2
Oklahoma House of Representatives, Oklahoma Commission on Interstate Cooperation	4
Oklahoma State Bureau of Investigation	0
Board of Juvenile Affairs	1
Oklahoma Liquefied Petroleum Gas Board	4
Department of Mines	0
Oklahoma Municipal Power Authority	4
Oklahoma Department of Public Safety, Nonresident Violator Compact	4
Oklahoma State Regents for Higher Education	4
Boards of Directors of the Tobacco Settlement Endowment Trust Fund	0
Department of Wildlife Conservation	4

Mode: 4
 Median: 3
 Mean: 2.52

5. Mobile/Vehicular Use/Transportation – Implications of innovative energy systems on energy demand, supply, and environmental quality

Secretary of Safety and Security	4
Secretary of Science and Technology	4
Oklahoma House Of Representatives - Member	4
Oklahoma House Of Representatives - Member	2
Oklahoma Court of Civil Appeals	4
Oklahoma Archaeological Survey	0
Archives and Records Commission	3
Canadian River Commission	2
Oklahoma Capitol Improvement Authority	4
State Department of Corrections Board	2
Crime Victims Compensation Board	4
Oklahoma Board of Dentistry	2
Interstate Agreement on the Qualification of Educational Personnel	2
Environmental Quality Board: Air Quality Advisory Council	4
State Board of Registration for Foresters	1
Oklahoma Historic Preservation Review Committee	0
Historical Records Advisory Board	3
Oklahoma House of Representatives, Oklahoma Commission on Interstate Cooperation	3
Oklahoma State Bureau of Investigation	0
Board of Juvenile Affairs	2
Oklahoma Liquefied Petroleum Gas Board	4
Department of Mines	0
Oklahoma Municipal Power Authority	3
Oklahoma Department of Public Safety, Nonresident Violator Compact	4
Oklahoma State Regents for Higher Education	2
Boards of Directors of the Tobacco Settlement Endowment Trust Fund	0
Department of Wildlife Conservation	3

Mode: 4
 Median: 3
 Mean: 2.44

6. Stationary Power Generation – Power supplied from a fixed facility

Secretary of Safety and Security	2	Mode: 4
Secretary of Science and Technology	4	Median: 3
Oklahoma House Of Representatives - Member	4	Mean: 2.33
Oklahoma House Of Representatives - Member	2	
Oklahoma Court of Civil Appeals	2	
Oklahoma Archaeological Survey	0	
Archives and Records Commission	3	
Canadian River Commission	4	
Oklahoma Capitol Improvement Authority	4	
State Department of Corrections Board	3	
Crime Victims Compensation Board	0	
Oklahoma Board of Dentistry	0	
Interstate Agreement on the Qualification of Educational Personnel	4	
Environmental Quality Board: Air Quality Advisory Council	4	
State Board of Registration for Foresters	1	
Oklahoma Historic Preservation Review Committee	0	
Historical Records Advisory Board	3	
Oklahoma House of Representatives, Oklahoma Commission on Interstate Cooperation	3	
Oklahoma State Bureau of Investigation	0	
Board of Juvenile Affairs	1	
Oklahoma Liquefied Petroleum Gas Board	3	
Department of Mines	3	
Oklahoma Municipal Power Authority	4	
Oklahoma Department of Public Safety, Nonresident Violator Compact	4	
Oklahoma State Regents for Higher Education	2	
Boards of Directors of the Tobacco Settlement Endowment Trust Fund	0	
Department of Wildlife Conservation	3	

7. Storage/Hydrogen/Transmission – Storage of surplus energy until needed; Use of hydrogen as a way to store surplus energy: Capability of the electric transmission grid to connect energy producers with energy consumers

Secretary of Safety and Security	1	Mode: 3
Secretary of Science and Technology	3	Median: 3
Oklahoma House Of Representatives - Member	3	Mean: 2.11
Oklahoma House Of Representatives - Member	3	
Oklahoma Court of Civil Appeals	3	
Oklahoma Archaeological Survey	0	
Archives and Records Commission	3	
Canadian River Commission	2	
Oklahoma Capitol Improvement Authority	4	
State Department of Corrections Board	0	
Crime Victims Compensation Board	0	
Oklahoma Board of Dentistry	0	
Interstate Agreement on the Qualification of Educational Personnel	4	
Environmental Quality Board: Air Quality Advisory Council	4	
State Board of Registration for Foresters	1	
Oklahoma Historic Preservation Review Committee	3	
Historical Records Advisory Board	3	
Oklahoma House of Representatives, Oklahoma Commission on Interstate Cooperation	3	
Oklahoma State Bureau of Investigation	0	
Board of Juvenile Affairs	1	
Oklahoma Liquefied Petroleum Gas Board	4	
Department of Mines	0	
Oklahoma Municipal Power Authority	3	
Oklahoma Department of Public Safety, Nonresident Violator Compact	4	
Oklahoma State Regents for Higher Education	2	
Boards of Directors of the Tobacco Settlement Endowment Trust Fund	0	
Department of Wildlife Conservation	3	

8. Other _____

The Oklahoma Liquefied Petroleum Gas Administration responded with a high interest (4) in "add more propane dispensers at stations."

Part IV. Agency Interest in Energy Policy Issues

1. Climate Change/Carbon Sequestration – Implications of national or regional policies for reducing greenhouse gas levels and long-term carbon storage

Secretary of Safety and Security	0
Secretary of Science and Technology	4
Oklahoma House Of Representatives - Member	3
Oklahoma House Of Representatives - Member	1
Oklahoma Court of Civil Appeals	3
Oklahoma Archaeological Survey	0
Archives and Records Commission	0
Canadian River Commission	0
Oklahoma Capitol Improvement Authority	0
State Department of Corrections Board	3
Crime Victims Compensation Board	3
Oklahoma Board of Dentistry	4
Interstate Agreement on the Qualification of Educational Personnel	2
Environmental Quality Board: Air Quality Advisory Council	3
State Board of Registration for Foresters	0
Oklahoma Historic Preservation Review Committee	2
Historical Records Advisory Board	4
Oklahoma House of Representatives, Oklahoma Commission on Interstate Cooperation	4
Oklahoma State Bureau of Investigation	0
Board of Juvenile Affairs	3
Oklahoma Liquefied Petroleum Gas Board	3
Department of Mines	4
Oklahoma Municipal Power Authority	1
Oklahoma Department of Public Safety, Nonresident Violator Compact	3
Oklahoma State Regents for Higher Education	0
Boards of Directors of the Tobacco Settlement Endowment Trust Fund	4
Department of Wildlife Conservation	4

Mode: 4
Median: 3
Mean: 2.15

2. Deregulation of Electric Utilities – Implications of creating a competitive market for energy supply, primarily electric power

Secretary of Safety and Security	0
Secretary of Science and Technology	3
Oklahoma House Of Representatives - Member	4
Oklahoma House Of Representatives - Member	1
Oklahoma Court of Civil Appeals	0
Oklahoma Archaeological Survey	0
Archives and Records Commission	0
Canadian River Commission	0
Oklahoma Capitol Improvement Authority	4
State Department of Corrections Board	3
Crime Victims Compensation Board	2
Oklahoma Board of Dentistry	4
Interstate Agreement on the Qualification of Educational Personnel	4
Environmental Quality Board: Air Quality Advisory Council	4
State Board of Registration for Foresters	0
Oklahoma Historic Preservation Review Committee	4
Historical Records Advisory Board	4
Oklahoma House of Representatives, Oklahoma Commission on Interstate Cooperation	1
Oklahoma State Bureau of Investigation	0
Board of Juvenile Affairs	2
Oklahoma Liquefied Petroleum Gas Board	3
Department of Mines	3
Oklahoma Municipal Power Authority	2
Oklahoma Department of Public Safety, Nonresident Violator Compact	4
Oklahoma State Regents for Higher Education	1
Boards of Directors of the Tobacco Settlement Endowment Trust Fund	4
Department of Wildlife Conservation	2

Mode: 2
Median: 2
Mean: 2.19

3. Distributed Power Systems – Decentralized, small scale energy generation

Secretary of Safety and Security	0
Secretary of Science and Technology	3
Oklahoma House Of Representatives - Member	3
Oklahoma House Of Representatives - Member	1
Oklahoma Court of Civil Appeals	0
Oklahoma Archaeological Survey	0
Archives and Records Commission	0
Canadian River Commission	0
Oklahoma Capitol Improvement Authority	0
State Department of Corrections Board	3
Crime Victims Compensation Board	3
Oklahoma Board of Dentistry	4
Interstate Agreement on the Qualification of Educational Personnel	0
Environmental Quality Board: Air Quality Advisory Council	3
State Board of Registration for Foresters	0
Oklahoma Historic Preservation Review Committee	4
Historical Records Advisory Board	4
Oklahoma House of Representatives, Oklahoma Commission on Interstate Cooperation	3
Oklahoma State Bureau of Investigation	0
Board of Juvenile Affairs	2
Oklahoma Liquefied Petroleum Gas Board	3
Department of Mines	3
Oklahoma Municipal Power Authority	1
Oklahoma Department of Public Safety, Nonresident Violator Compact	4
Oklahoma State Regents for Higher Education	0
Boards of Directors of the Tobacco Settlement Endowment Trust Fund	4
Department of Wildlife Conservation	2

Mode: 2
 Median: 2
 Mean: 1.85

4. Economics/Incentives/Subsidies – Role of government incentives in energy markets to stimulate use of innovative technologies and nontraditional energy sources

Secretary of Safety and Security	0
Secretary of Science and Technology	4
Oklahoma House Of Representatives - Member	3
Oklahoma House Of Representatives - Member	2
Oklahoma Court of Civil Appeals	0
Oklahoma Archaeological Survey	0
Archives and Records Commission	0
Canadian River Commission	0
Oklahoma Capitol Improvement Authority	4
State Department of Corrections Board	3
Crime Victims Compensation Board	2
Oklahoma Board of Dentistry	4
Interstate Agreement on the Qualification of Educational Personnel	4
Environmental Quality Board: Air Quality Advisory Council	3
State Board of Registration for Foresters	0
Oklahoma Historic Preservation Review Committee	4
Historical Records Advisory Board	4
Oklahoma House of Representatives, Oklahoma Commission on Interstate Cooperation	3
Oklahoma State Bureau of Investigation	0
Board of Juvenile Affairs	3
Oklahoma Liquefied Petroleum Gas Board	4
Department of Mines	3
Oklahoma Municipal Power Authority	2
Oklahoma Department of Public Safety, Nonresident Violator Compact	4
Oklahoma State Regents for Higher Education	0
Boards of Directors of the Tobacco Settlement Endowment Trust Fund	4
Department of Wildlife Conservation	2

Mode: 4
 Median: 3
 Mean: 2.30

5. Energetics/Net Energy Analysis – Analysis of the amount of useable energy generated by nontraditional sources when all energy inputs to production have been fully accounted for

Secretary of Safety and Security	0
Secretary of Science and Technology	3
Oklahoma House Of Representatives - Member	3
Oklahoma House Of Representatives - Member	2
Oklahoma Court of Civil Appeals	4
Oklahoma Archaeological Survey	0
Archives and Records Commission	0
Canadian River Commission	0
Oklahoma Capitol Improvement Authority	0
State Department of Corrections Board	3
Crime Victims Compensation Board	2
Oklahoma Board of Dentistry	4
Interstate Agreement on the Qualification of Educational Personnel	2
Environmental Quality Board: Air Quality Advisory Council	3
State Board of Registration for Foresters	0
Oklahoma Historic Preservation Review Committee	3
Historical Records Advisory Board	4
Oklahoma House of Representatives, Oklahoma Commission on Interstate Cooperation	2
Oklahoma State Bureau of Investigation	0
Board of Juvenile Affairs	2
Oklahoma Liquefied Petroleum Gas Board	4
Department of Mines	4
Oklahoma Municipal Power Authority	2
Oklahoma Department of Public Safety, Nonresident Violator Compact	4
Oklahoma State Regents for Higher Education	0
Boards of Directors of the Tobacco Settlement Endowment Trust Fund	4
Department of Wildlife Conservation	2

Mode: 4
 Median: 2
 Mean: 2.11

6. Other _____

The Oklahoma Archaeological Survey responded with a high interest (4) in “energy policy and cultural heritage.”

The Oklahoma Liquefied Petroleum Gas Administration responded with a high interest (4) in “incentives/subsidies – propane powered veh. ½ ton to 15 ton trks. and cars.”