

# Appendix K

## List of References

### Executive Summary

50states.com. "Arkansas: The Natural State." Available at:

<http://www.50states.com/arkansas.htm>

Birdsey, R.A., and G.M. Lewis. "Carbon in United States Forests and Wood Products, 1987–1997: State-by-State Estimates." Arkansas Estimate for 1987–1997. Available from the U.S. Department of Agriculture, Forest Service, Northern Global Change Research Program, at:

<http://www.fs.fed.us/ne/global/pubs/books/epa/states/AR.htm>

Center for Climate Strategies. *Draft Arkansas Greenhouse Gas Inventory and Reference Case Projections, 1990–2025*. Prepared for the Arkansas Governor's Commission on Global Warming. May 2008. Available at:

[http://www.arclimatechange.us/Inventory\\_Forecast\\_Report.cfm](http://www.arclimatechange.us/Inventory_Forecast_Report.cfm)

IPCC 2007. *Climate Change 2007: The Physical Science Basis. Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change*. Ed.

Solomon, S., et al. Cambridge University Press, Cambridge, United Kingdom, and New York, NY, USA 2007. Available at: <http://ipcc-wg1.ucar.edu/wg1/wg1-report.html>

National Academy of Sciences, National Research Council. *Abrupt Climate Change: Inevitable Surprises*. Washington, DC: National Academies Press, 2002. Available at:

[http://www.nap.edu/openbook.php?record\\_id=10136&page=R1](http://www.nap.edu/openbook.php?record_id=10136&page=R1)

National Academy of Sciences, National Research Council. *Climate Change Science: An Analysis of Some Key Questions*. Washington, DC: National Academies Press, 2001. Available at:

[http://www.nap.edu/openbook.php?record\\_id=10139&page=R1](http://www.nap.edu/openbook.php?record_id=10139&page=R1)

National Academy of Sciences, National Research Council. *Surface Temperature Reconstructions for the Last 2,000 Years*. Washington, DC: National Academies Press, 2006.

Available at: [http://www.nap.edu/catalog.php?record\\_id=11676\\_toc](http://www.nap.edu/catalog.php?record_id=11676_toc)

State of Arkansas, 86th General Assembly, Regular Session, 2007. "Act 696: An Act to Establish the Governor's Commission on Global Warming; to Direct the Commission to Study Issues Related to Global Warming and the Emerging Carbon Market; to Establish a Global Warming Pollutant Reduction Goal and Comprehensive Strategic Plan; and for Other Purposes." Available at: <http://www.arkleg.state.ar.us/ftproot/acts/2007/public/act696.pdf>

U.S. Department of Commerce, Bureau of Economic Analysis. "Gross Domestic Product by State." Available at: <http://www.bea.gov/regional/gsp/>

U.S. Environmental Protection Agency. Advance Notice of Proposed Rulemaking: *Regulating Greenhouse Gas Emissions Under the Clean Air Act*. 73 *Federal Register* 44354 (July 30, 2008).

Available at: <http://www.epa.gov/climatechange/anpr.html>

## Chapter 1 – Background and Overview

50states.com. "Arkansas: The Natural State." Available at:

<http://www.50states.com/arkansas.htm>

Birdsey, R.A., and G.M. Lewis. "Carbon in United States Forests and Wood Products, 1987–1997: State-by-State Estimates." Arkansas Estimate for 1987–1997. Available from the U.S. Department of Agriculture, Forest Service, Northern Global Change Research Program, at:

<http://www.fs.fed.us/ne/global/pubs/books/epa/states/AR.htm>

Center for Climate Strategies. *Draft Arkansas Greenhouse Gas Inventory and Reference Case Projections, 1990–2025*. Prepared for the Arkansas Governor’s Commission on Global Warming. May 2008. Available at:

[http://www.arclimatechange.us/Inventory\\_Forecast\\_Report.cfm](http://www.arclimatechange.us/Inventory_Forecast_Report.cfm)

Center for Climate Strategies. *Final Arkansas Greenhouse Gas Inventory and Reference Case Projections, 1990–2025*. Prepared for the Arkansas Governor’s Commission on Global Warming. October 2008. Available at:

[http://www.arclimatechange.us/Inventory\\_Forecast\\_Report.cfm](http://www.arclimatechange.us/Inventory_Forecast_Report.cfm)

IPCC 2007. *Climate Change 2007: The Physical Science Basis. Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change*. Ed. Solomon, S., et al. Cambridge University Press, Cambridge, United Kingdom, and New York, NY, USA 2007. Available at: <http://ipcc-wg1.ucar.edu/wg1/wg1-report.html>

National Academy of Sciences, National Research Council. *Abrupt Climate Change: Inevitable Surprises*. Washington, DC: National Academies Press, 2002. Available at:

[http://www.nap.edu/openbook.php?record\\_id=10136&page=R1](http://www.nap.edu/openbook.php?record_id=10136&page=R1)

National Academy of Sciences, National Research Council. *Climate Change Science: An Analysis of Some Key Questions*. Washington, DC: National Academies Press, 2001. Available at: [http://www.nap.edu/openbook.php?record\\_id=10139&page=R1](http://www.nap.edu/openbook.php?record_id=10139&page=R1)

National Academy of Sciences, National Research Council. *Surface Temperature Reconstructions for the Last 2,000 Years*. Washington, DC: National Academies Press, 2006.

Available at: [http://www.nap.edu/catalog.php?record\\_id=11676\\_toc](http://www.nap.edu/catalog.php?record_id=11676_toc)

State of Arkansas, 86th General Assembly, Regular Session, 2007. “Act 696: An Act to Establish the Governor’s Commission on Global Warming; to Direct the Commission to Study Issues Related to Global Warming and the Emerging Carbon Market; to Establish a Global Warming Pollutant Reduction Goal and Comprehensive Strategic Plan; and for Other Purposes.” Available at: <http://www.arkleg.state.ar.us/ftproot/acts/2007/public/act696.pdf>

U.S. Environmental Protection Agency. Advance Notice of Proposed Rulemaking: *Regulating Greenhouse Gas Emissions Under the Clean Air Act*. 73 *Federal Register* 44354 (July 30, 2008).

Available at: <http://www.epa.gov/climatechange/anpr.html>

## Chapter 2 – Inventory and Forecast of GHG Emissions

Boucher, O., et al. "Radiative Forcing of Climate Change." Chapter 6 in *Climate Change 2001: The Scientific Basis*. Contribution of Working Group 1 of the Intergovernmental Panel on Climate Change Cambridge University Press. Cambridge, United Kingdom. Available at: [http://www.grida.no/climate/ipcc\\_tar/wg1/212.htm](http://www.grida.no/climate/ipcc_tar/wg1/212.htm)

Center for Climate Strategies. *Final Arkansas Greenhouse Gas Inventory and Reference Case Projections, 1990–2025*. Prepared for the Arkansas Governor's Commission on Global Warming. October 2008. Available at: [http://www.arclimatechange.us/Inventory\\_Forecast\\_Report.cfm](http://www.arclimatechange.us/Inventory_Forecast_Report.cfm)

University of Arkansas Little Rock, Institute for Economic Analysis. Arkansas County and State Population Estimates and Projections: Time Series Extrapolations, 2005–2030. Available at: <http://www.aiea.ualr.edu/research/demographic/population/default.html>

U.S. Department of Commerce, Census Bureau. Intercensal Population Estimates: 1990–2004, from Historical Data. Available at: [http://cber.uark.edu/data/population/Geographic\\_Regions.xls](http://cber.uark.edu/data/population/Geographic_Regions.xls)

U.S. Department of Commerce, Bureau of Economic Analysis. "Gross Domestic Product by State." Available at: <http://www.bea.gov/regional/gsp/>

U.S. Department of Energy, Energy Information Administration. "Arkansas Electricity Profile." Tables 5: Electric Power Industry Generation by Primary Energy Source, 1990 Through 2006, and Table 8: Retail Sales, Revenue, and Average Retail Price by Sector, 1990 Through 2006. DOE/EIA-0348. November 2007. Available at: [http://www.eia.doe.gov/cneaf/electricity/st\\_profiles/e\\_profiles\\_sum.html](http://www.eia.doe.gov/cneaf/electricity/st_profiles/e_profiles_sum.html)

U.S. Environmental Protection Agency. "Global Scale: Forestry and Agriculture in the Carbon Cycle." Available at: <http://www.epa.gov/sequestration/ccyle.html>

U.S. Environmental Protection Agency. *Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990–2006*. EPA430-R-08-005. April 15, 2008. Available at: <http://www.epa.gov/climatechange/emissions/usinventoryreport.html>

U.S. Environmental Protection Agency. "Local Scale: Carbon Pools in Forestry and Agriculture." Available at: [http://www.epa.gov/sequestration/local\\_scale.html](http://www.epa.gov/sequestration/local_scale.html)

U.S. Environmental Protection Agency, Office of Atmospheric Programs. *Greenhouse Gas Mitigation Potential in U.S. Forestry and Agriculture*. EPA 430-R-05-006. November 2005. Available at: <http://www.epa.gov/sequestration/pdf/greenhousegas2005.pdf>

## Chapter 3 – Cross-Cutting Issues

Arkansas Pollution Control and Ecology Commission. "Chapter 2: Definitions." In *Arkansas Air Pollution Control Code—Regulation 18*. Available at: [http://www.adeq.state.ar.us/regs/files/reg18\\_final\\_990215.pdf](http://www.adeq.state.ar.us/regs/files/reg18_final_990215.pdf)

State of Arkansas, 86th General Assembly, Regular Session, 2007. "Act 696: An Act to Establish the Governor's Commission on Global Warming; to Direct the Commission to Study Issues Related to Global Warming and the Emerging Carbon Market; to Establish a Global Warming Pollutant Reduction Goal and Comprehensive Strategic Plan; and for Other Purposes." Available at: <http://www.arkleg.state.ar.us/ftp/acts/2007/public/act696.pdf>

## **Chapter 4 – Residential, Commercial, and Industrial Sectors**

Task Force to Joint Committee on Educational Facilities. *Arkansas Statewide Educational Facilities Assessment—2004. Final Report to the Joint Committee on Educational Facilities.* November 30, 2004, p. 20. Available at: <http://www.arkleg.state.ar.us/data/education/statereport.pdf>

U.S. Department of Energy, Energy Information Administration. "U.S. Energy Consumption by Sector." Available at: [http://www.architecture2030.org/building\\_sector/index.html](http://www.architecture2030.org/building_sector/index.html)

## **Chapter 5 – Energy Supply Sector**

Center for Climate Strategies. *Draft Arkansas Greenhouse Gas Inventory and Reference Case Projections, 1990–2025.* Prepared for the Arkansas Governor's Commission on Global Warming. May 2008. Available at: [http://www.arclimatechange.us/Inventory\\_Forecast\\_Report.cfm](http://www.arclimatechange.us/Inventory_Forecast_Report.cfm)

Center for Climate Strategies. *Final Arkansas Greenhouse Gas Inventory and Reference Case Projections, 1990–2025.* Prepared for the Arkansas Governor's Commission on Global Warming. October 2008. Available at: [http://www.arclimatechange.us/Inventory\\_Forecast\\_Report.cfm](http://www.arclimatechange.us/Inventory_Forecast_Report.cfm)

## **Chapter 6 – Transportation and Land Use**

Ford Motor Company. "EPRI Joins Ford-SCE Analysis of Plug-In Hybrids on Grid." March 27, 2008. Available at <http://www.ford.com/about-ford/news-announcements/press-releases/press-releases-detail/pr-epri-joins-fordsce-analysis-of-27955>.

## **Chapter 7 – Agriculture, Forestry, and Waste Management**

Library of Congress—Thomas. "Energy Independence and Security Act of 2007." Section 201—Definitions. Available at: <http://thomas.loc.gov/home/c110query.html>

## **Chapter 8 – Review of Current Scientific Literature on Causes and Impacts of Global Warming**

CNA. *National Security and the Threat of Climate Change.* Available at: <http://securityandclimate.cna.org/>

James E. Hansen. "Dangerous Human-Made Interference with Climate." Testimony to Select Committee on Energy Independence and Global Warming, United States House of

Representatives. April 26, 2007. Available at:  
[http://www.columbia.edu/~jeh1/2007/Testimony\\_20070426.pdf](http://www.columbia.edu/~jeh1/2007/Testimony_20070426.pdf)

IPCC 2007. *Climate Change 2007: The Physical Science Basis. Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change*. Ed. Solomon, S., et al. Cambridge University Press, Cambridge, United Kingdom, and New York, NY, USA 2007. Available at: <http://ipcc-wg1.ucar.edu/wg1/wg1-report.html>

Lomborg, Bjørn. *Cool It: The Skeptical Environmentalist's Guide to Global Warming*. September 2007. Available at: <http://www.lomborg.com/faq/>

National Academy of Sciences, National Research Council. *Abrupt Climate Change: Inevitable Surprises*. Washington, DC: National Academies Press, 2002. Available at: [http://www.nap.edu/openbook.php?record\\_id=10136&page=R1](http://www.nap.edu/openbook.php?record_id=10136&page=R1)

National Academy of Sciences, National Research Council. *Climate Change Science: An Analysis of Some Key Questions*. Washington, DC: National Academies Press, 2001. Available at: [http://www.nap.edu/openbook.php?record\\_id=10139&page=R1](http://www.nap.edu/openbook.php?record_id=10139&page=R1)

National Academy of Sciences, National Research Council. *Surface Temperature Reconstructions for the Last 2,000 Years*. Washington, DC: National Academies Press, 2006. Available at: [http://www.nap.edu/catalog.php?record\\_id=11676 - toc](http://www.nap.edu/catalog.php?record_id=11676 - toc)

Oreskes, Naomi. "Beyond the Ivory Tower: The Scientific Consensus on Climate Change." *Science* December 3, 2004;306(5702):1686. Available at: <http://www.sciencemag.org/cgi/content/full/306/5702/1686>

United Nations Framework Convention on Climate Change. Article 3, section 3. Available at: <http://unfccc.int/2860.php>

U.S. Environmental Protection Agency. Advance Notice of Proposed Rulemaking: *Regulating Greenhouse Gas Emissions Under the Clean Air Act*. 73 *Federal Register* 44354 (July 30, 2008). Available at: <http://www.epa.gov/climatechange/anpr.html>

U.S. Supreme Court. *Massachusetts v. Environmental Protection Agency*, 127 S.Ct. 1438 (2007).

## **Appendix E – Methods for Quantification**

U.S. Environmental Protection Agency, National Center for Environmental Economics. *Guidelines for Preparing Economic Analyses*. EPA 240-R-00-003. September 2000. Available at: <http://yosemite.epa.gov/ee/epa/eed.nsf/webpages/Guidelines.html>

## **Appendix F – Cross-Cutting Issues Policy Recommendations**

Accelerate Arkansas. Available at: <http://www.acceleratearkansas.com/>

Alameda County. "Greening the Golden State." Available at: <http://www.acgov.org/coolcounties/>

Arkansas Economic Development Commission. Available at: <http://arkansasedc.com/>

Arkansas Pollution Control and Ecology Commission. "Chapter 2: Definitions." In *Arkansas Air Pollution Control Code—Regulation 18*. Available at: [http://www.adeq.state.ar.us/regs/files/reg18\\_final\\_990215.pdf](http://www.adeq.state.ar.us/regs/files/reg18_final_990215.pdf)

Beach, R.H., B.J. DeAnjelo, S. Rose, C. Li, W. Salas, and S.J. DelGrosso. "Mitigation Potential and Costs for Global Agricultural Greenhouse Gas Emissions." *Agricultural Economics* 2008;38(2):109–115. Available at: [http://econpapers.repec.org/article/blaagecon/v\\_3A38\\_3Ay\\_3A2008\\_3Ai\\_3A2\\_3Ap\\_3A109-115.htm](http://econpapers.repec.org/article/blaagecon/v_3A38_3Ay_3A2008_3Ai_3A2_3Ap_3A109-115.htm)

Brookes, G., and P. Barfoot. "Global Impact of Biotech Crops: Socio-Economic and Environmental Effects, 1996–2006." *AgBioForum* 2008;11(1):21-38. Available at: <http://www.agbioforum.org/v11n1/v11n1a03-brookes.pdf>

Cool Cities. Available at: <http://www.coolcities.us/>

Institute for Local Government, California Climate Action Network. "Best Practices Framework." Version 5.0. May 9, 2008. Available at: [http://www.cacities.org/resource\\_files/26286.BestPracticesFramework%20v5.0.pdf](http://www.cacities.org/resource_files/26286.BestPracticesFramework%20v5.0.pdf)

National Aeronautics and Space Administration. Earth Observatory Web site. Available at: <http://www.earthobservatory.nasa.gov>

National Oceanic and Atmospheric Administration. Climate Program Office Web site. "Education Plan "and "NOAA's Requirements for Climate Literacy." Available at: <http://www.climate.noaa.gov/education/>.

National Science Digital Library Web site. Available at: <http://www.nsdlib.org>

Pollin, R., H. Garrett-Peltier, J. Heintz, and H. Scharber. *Green Recovery: A Program to Create Jobs and Start Building a Low-Carbon Economy*. Center for American Progress. September 2008. Available at: [http://www.americanprogress.org/issues/2008/09/green\\_recovery.html](http://www.americanprogress.org/issues/2008/09/green_recovery.html)

State of Arkansas, 86th General Assembly, Regular Session, 2007. "Act 696: An Act to Establish the Governor's Commission on Global Warming; to Direct the Commission to Study Issues Related to Global Warming and the Emerging Carbon Market; to Establish a Global Warming Pollutant Reduction Goal and Comprehensive Strategic Plan; and for Other Purposes." Available at: <http://www.arkleg.state.ar.us/ftproot/acts/2007/public/act696.pdf>

U.S. Conference of Mayors Climate Protection Summit. *U.S. Mayors Climate Protection Agreement*. November 1–2, 2007. Available at: <http://www.seattle.gov/mayor/climate/>

U.S. Environmental Protection Agency. Climate Change Web site. Available at: <http://www.epa.gov/climatechange>

United States of America, 110<sup>th</sup> Congress, First Session. "H.R. 2764: Consolidated Appropriations Act, 2008." Title II, Administrative Provisions, U.S. Environmental Protection Agency (EPA) (Including Rescission of Funds), pp. 284-285. Available at: <http://www.govtrack.us/congress/billtext.xpd?bill=h110-2764>

University of Massachusetts Amherst, Political Economy Research Institute. Available at: <http://www.peri.umass.edu/>.

## **Appendix G – Residential, Commercial, and Industrial Sectors Policy Recommendations**

Arkansas Department of Finance and Administration, Office of Excise Tax Administration. "Sales Tax Rates." Available at: [http://www.state.ar.us/dfa/excise\\_tax\\_v2/et\\_su\\_rates\\_state.html](http://www.state.ar.us/dfa/excise_tax_v2/et_su_rates_state.html)

Arkansas Department of Workforce Service. "Long-Term Industry Employment Projections." Available at: <http://www.discoverarkansas.net/?PageID=156>

Arkansas Public Service Commission. *Net Metering Rules*. Available at: [http://www.apscservices.info/rules/net\\_metering\\_rules.pdf](http://www.apscservices.info/rules/net_metering_rules.pdf)

Arkansas Public Service Commission. *Resource Planning Guidelines for Electric Utilities*. Approved I docket 06-028-R. January 4, 2007. Available at: [http://www.apscservices.info/rules/resource\\_plan\\_guid\\_for\\_elec\\_06-028-R\\_1-7-07.pdf](http://www.apscservices.info/rules/resource_plan_guid_for_elec_06-028-R_1-7-07.pdf)

Arkansas Public Service Commission. *Rules for Conservation and Energy Efficiency Programs*. Approved in docket 06-004-R. May 25, 2007. Available at: [http://www.apscservices.info/rules/energy\\_conservation\\_rules\\_06-004-R.pdf](http://www.apscservices.info/rules/energy_conservation_rules_06-004-R.pdf)

Bird, Lori, Leila Dagher, and Blair Swezey. *Green Power Marketing in the United States: A Status Report* (Tenth Edition). National Renewable Energy Laboratory. Technical Report NREL/TP-670-42502. December 2007. Available at: <http://www.eere.energy.gov/greenpower/resources/pdfs/42502.pdf>

Boyer, J., S. Bratkovich, A. Lindburg, and K. Fernholz. *Wood Products and Carbon Protocols: Carbon Storage and Low Energy Intensity Should Be Considered*. Dovetail Partners, Inc. April 28, 2008. Available at: <http://www.dovetailinc.org/reportView.php?action=displayReport&reportID=92>

Cole, Adam. *Arkansas Population Projections 2003–2025*. University of Arkansas Center for Business and Economic Research. Arkansas June 30, 2003. Available at: <http://cber.uark.edu/default.asp?show=population>

Copeland, Larry. "Most State Workers in Utah Shifting to 4-Day Week." *USA Today*. July 1, 2008. Available at: [http://www.usatoday.com/news/nation/2008-06-30-four-day\\_N.htm](http://www.usatoday.com/news/nation/2008-06-30-four-day_N.htm)

Crossman, Kim. "Woody Biomass to CHP—Characteristics, Costs, and Performance of Commercially Available Technologies." Presented to the Society of American Foresters on

October 26, 2007. Available at: [www.fpl.fs.fed.us/tmu/2007safconvention/2007safconvention--crossman.ppt](http://www.fpl.fs.fed.us/tmu/2007safconvention/2007safconvention--crossman.ppt)

Entergy Arkansas, Inc. Docket No. 81-071-F. Public Utility Regulatory Policies Act—Section 210. Avoided Cost Filing. Filed on June 30, 2008. Available at: [http://www.apscservices.info/pdf/81/81-071-f\\_319\\_1.pdf](http://www.apscservices.info/pdf/81/81-071-f_319_1.pdf)

Hedman, Bruce. "CHP Market Review." Presented at Southeast Planning Session on July 6, 2005. Available at: [http://www.chpcenterse.org/pdfs/EEA-Southeast\\_Planning\\_session\\_7-6-05.pdf](http://www.chpcenterse.org/pdfs/EEA-Southeast_Planning_session_7-6-05.pdf)

Jackson-Yoo, Jessica. "Telework." February 2008. Boston College Sloan Work and Family Research Network. Available at: <http://wfnetwork.bc.edu/topic.php?id=4>

National Renewable Energy Laboratory. "NREL Highlights Leading Utility Green Power Programs: Pricing Programs Give Consumers Clean Power Choices." April 22, 2008. Available at: <http://www.nrel.gov/news/press/2008/348.html>

Owen, Gill, and Judith Ward. *Smart Meters: Commercial, Regulatory and Policy Drivers*. Appendix 2. "Sustainability First." March 2006. Available at: <http://www.sustainabilityfirst.org.uk/docs/smartmeterspdfappendices.pdf>

Quantec LLC, Summit Blue Consulting, Nextant, Inc., A-TEC Energy Corporation, and Britt/Makela Group. *Assessment of Energy and Capacity Savings Potential in Iowa: Final Report*, vol. I. Prepared for the Iowa Utility Association. February 2008. (No Web link available.)

Schweitzer, Martin, D.W. Jones, L.G. Berry, and B.E. Tonn. *Estimating Energy and Cost Savings and Emissions Reductions for the State Energy Program Based on Enumeration Indicators Data*. ORNL/CON-487. Oak Ridge National Laboratory. January 2003. Available at: <http://www.ornl.gov/~webworks/cppr/y2001/rpt/116341.pdf>

Task Force to Joint Committee on Educational Facilities. *Arkansas Statewide Educational Facilities Assessment—2004. Final Report to the Joint Committee on Educational Facilities*. November 30, 2004. Available at: <http://www.arkleg.state.ar.us/data/education/statereport.pdf>

TIAX, LLC. "The Energy and Greenhouse Gas Emissions Impact of Telecommuting and e-Conference." Prepared for the Consumer Electronics Association. July 2007, p. 28. Available at: [http://www.ce.org/Energy\\_and\\_Greenhouse\\_Gas\\_Emissions\\_Impact\\_CEA\\_July\\_2007.pdf](http://www.ce.org/Energy_and_Greenhouse_Gas_Emissions_Impact_CEA_July_2007.pdf)

University of Arkansas, Center for Business and Economic Research. "Population Projections for 1990 to 2004." Available at: <http://cber.uark.edu/default.asp?show=population>

University of Arkansas, Center for Business and Economic Research. "Time Series Extrapolations for 2005 to 2030." Available at: <http://www.aiea.uarl.edu/research/demographic/population/default.html>

University of Arkansas, Institute for Economic Advancement. "Demographic Research: Population Estimates and Projections." Available at:  
<http://www.aiea.uar.edu/research/demographic/population/default.html>

U.S. Department of Commerce, Census Bureau. "State Population Estimates—Characteristics." Table 1: Estimates of the Population by Selected Age Groups for the United States, States, and Puerto Rico: July 1, 2007. SC-EST2007-01. Available at:  
<http://www.census.gov/popest/states/asrh/SC-EST2007-01.html>

U.S. Department of Commerce, Census Bureau. Table 2u: New Privately Owned Housing Units Authorized Unadjusted Units for Regions, Divisions, and States. December 2005. Available at:  
<http://www.census.gov/const/C40/Table2/t2yu200512.txt>

U.S. Department of Energy, Energy Information Administration. "2001 Residential Energy Consumption Survey: Household Energy Consumption and Expenditures Tables." Table CE1-1c: Total Energy Consumption in U.S. Households by Climate Zone. Available at:  
[http://www.eia.doe.gov/emeu/recs/recs2001/ce\\_pdf/enduse/ce1-1c\\_climate2001.pdf](http://www.eia.doe.gov/emeu/recs/recs2001/ce_pdf/enduse/ce1-1c_climate2001.pdf)

U.S. Department of Energy, Energy Information Administration. "2001 Residential Energy Consumption Survey: Household Energy Consumption and Expenditures Tables." Table CE1-3c: Total Energy Consumption in U.S. Households by Household Income, 2001." Available at:  
[http://www.eia.doe.gov/emeu/recs/recs2001/ce\\_pdf/enduse/ce1-3c\\_hhincome2001.pdf](http://www.eia.doe.gov/emeu/recs/recs2001/ce_pdf/enduse/ce1-3c_hhincome2001.pdf)

U.S. Department of Energy, Energy Information Administration. "2002 Energy Consumption by Manufacturers—Data Tables." Table 5.7: Energy Consumed as a Fuel by End Use—By Region With Total Consumption of Electricity. March 8, 2005. Available at:  
<http://www.eia.doe.gov/emeu/mecs/mecs2002/data02/shelltables.html>

U.S. Department of Energy, Energy Information Administration. "2002 Manufacturing Energy Consumption Survey." Table 5.8: End Uses of Fuel Consumption, 2002. Form EIA-846. Available at: [http://www.eia.doe.gov/emeu/mecs/mecs2002/data02/pdf/table5.8\\_02.pdf](http://www.eia.doe.gov/emeu/mecs/mecs2002/data02/pdf/table5.8_02.pdf)

U.S. Department of Energy, Energy Information Administration. "2003 Commercial Buildings Energy Consumption Survey Detailed Tables." Table C1: Total Energy Consumption by Major Fuel for Non-Mall Buildings. December 2006. Available at:  
[http://www.eia.doe.gov/emeu/cbecs/cbecs2003/detailed\\_tables\\_2003/detailed\\_tables\\_2003.html-consumexpen03](http://www.eia.doe.gov/emeu/cbecs/cbecs2003/detailed_tables_2003/detailed_tables_2003.html-consumexpen03)

U.S. Department of Energy, Energy Information Administration. *Annual Energy Outlook 2003: With Projections to 2025*. DOE/EIA-0383(2003). Washington, DC, January 2003. Available at: [http://tonto.eia.doe.gov/ftproot/forecasting/0383\(2003\).pdf](http://tonto.eia.doe.gov/ftproot/forecasting/0383(2003).pdf)

U.S. Department of Energy, Energy Information Administration. *Annual Energy Outlook 2005: With Projections to 2025*. DOE/EIA-0383(2005). Washington, DC, February 2005. Available at: [http://tonto.eia.doe.gov/ftproot/forecasting/0383\(2005\).pdf](http://tonto.eia.doe.gov/ftproot/forecasting/0383(2005).pdf)

U.S. Department of Energy, Energy Information Administration. *Annual Energy Outlook 2007: With Projections to 2030*. DOE/EIA-0383(2007). Washington, DC, February 2006. Available at: [http://tonto.eia.doe.gov/ftproot/forecasting/0383\(2007\).pdf](http://tonto.eia.doe.gov/ftproot/forecasting/0383(2007).pdf)

U.S. Department of Energy, Energy Information Administration. *Annual Energy Outlook 2008: With Projections to 2030*. DOE/EIA-0383(2008). Washington, DC, June 2008. Available at: <http://www.eia.doe.gov/oiaf/aeo/>

U.S. Department of Energy, Energy Information Administration. "Arkansas Electricity Profile." DOE/EIA-0348. 2006. Available at: [http://www.eia.doe.gov/cneaf/electricity/st\\_profiles/arkansas.html](http://www.eia.doe.gov/cneaf/electricity/st_profiles/arkansas.html).

U.S. Department of Energy, Energy Information Administration. "Arkansas Electricity Profile." Table 8: Retail Sales, Revenue, and Average Retail Price by Sector, 1990 Through 2006. DOE/EIA-0348. November 2007. Available at: [http://www.eia.doe.gov/cneaf/electricity/st\\_profiles/arkansas.html](http://www.eia.doe.gov/cneaf/electricity/st_profiles/arkansas.html)

U.S. Department of Energy, Energy Information Administration. *Assumptions to the Annual Energy Outlook 2008: With Projections for 2030*. Table 4: Growth Rates for Total Energy Use by Sector. DOE/EIA-0554(2008). June 2008. Available at: <http://www.eia.doe.gov/oiaf/aeo/assumption/>

U.S. Department of Energy, Energy Information Administration. "Electricity Market Module." In *Assumptions to the Annual Energy Outlook 2007: With Projections to 2030*. DOE/EIA-0554(2007). April 2007. Available at: <http://www.eia.doe.gov/oiaf/aeo/assumption/pdf/electricity.pdf>

U.S. Department of Energy, Energy Information Administration. "Form EIA-906 and EIA-920 Databases." Available at: [http://www.eia.doe.gov/cneaf/electricity/page/eia906\\_920.html](http://www.eia.doe.gov/cneaf/electricity/page/eia906_920.html)

U.S. Department of Energy, Energy Information Administration. "Natural Gas Prices." January 2008 Arkansas City Gate Price. Available at: [http://tonto.eia.doe.gov/dnav/ng/ng\\_pri\\_sum\\_dcu\\_SAR\\_m.htm](http://tonto.eia.doe.gov/dnav/ng/ng_pri_sum_dcu_SAR_m.htm)

U.S. Department of Energy, Energy Information Administration. "Price Responsiveness in the AEO2003 NEMS Residential and Commercial Buildings Sector Models." 2003. Available at: <http://www.eia.doe.gov/oiaf/analysispaper/elasticity/>

U.S. Department of Energy, Energy Information Administration. "Residential Energy Consumption Survey 2001 Consumption and Expenditure Data Tables." Available at: <http://www.eia.doe.gov/emeu/recs/recs2001/detailcetbls.html> - space

U.S. Department of Energy, Energy Information Administration. State Energy Data System. Available at: <http://www.eia.doe.gov/emeu/states/seds.html>

U.S. Department of Energy, Energy Information Administration. *Supplemental Tables to the Annual Energy Outlook 2008*. Data Tables 1–20: Consumption & Prices by Sector & Census

Division, and Data Tables 62–91: Electricity Generation & Renewable Resource tables. June 2008. Available at: <http://www.eia.doe.gov/oiaf/aeo/supplement/>

U.S. Environmental Protection Agency. "Finding of No Significant Impact: Energy Conservation Program for Commercial Equipment, Distribution Transformers." *Federal Register* November 9, 2007;72(217):63563-63564. Available at: <http://www.epa.gov/fedrgstr/EPA-AIR/2007/November/Day-09/a22004.htm>

U.S. Environmental Protection Agency. State Greenhouse Gas Inventory Tool (SIT). Software modules: Fossil Fuel Combustion Module and, for emissions from industrial sources, the SIT Module for Industry. Available at: [http://www.epa.gov/climatechange/emissions/state\\_ghginventories.html](http://www.epa.gov/climatechange/emissions/state_ghginventories.html)

U.S. Environmental Protection Agency, Combined Heat and Power Partnership. Available at: <http://www.epa.gov/chp/>

U.S. Environmental Protection Agency, Combined Heat and Power Partnership. *Catalog of CHP Technologies*. Available at: <http://www.epa.gov/CHP/basic/catalog.html>

Western Governors' Association. *Clean and Diversified Energy Initiative. Energy Efficiency Task Force Report*. January 2006. Available at: [http://www.westgov.org/wga/initiatives/cdeac/Energy\\_Efficiency-full.pdf](http://www.westgov.org/wga/initiatives/cdeac/Energy_Efficiency-full.pdf)

## **Appendix H – Energy Supply Sector Policy Recommendations**

Arkansas Department of Workforce Service. "Long-Term Industry Employment Projections." Available at: <http://www.discoverarkansas.net/?PageID=156>

Arkansas Public Service Commission. Petroleum data.

Arthur D. Little Inc. *Guidance for Transportation Technologies: Fuel Choice for Fuel Cell Vehicles—Final Report*. February 2, 2002. Available at: [http://www.eere.energy.gov/hydrogenandfuelcells/pdfs/fuel\\_choice\\_fcvs.pdf](http://www.eere.energy.gov/hydrogenandfuelcells/pdfs/fuel_choice_fcvs.pdf)

Bradley, R.A., E.C. Watts, and E.R. Williams, eds. *Limiting Net Greenhouse Gas Emissions in the United States. Volume 1—Energy Technologies*. Report DOE/PE-0101-Vol.1. Washington DC, 1991. Available at: [http://www.osti.gov/energycitations/product.biblio.jsp?osti\\_id=5775139](http://www.osti.gov/energycitations/product.biblio.jsp?osti_id=5775139)

California Public Utilities Commission. "New Nuclear Generation Resource, Cost, and Performance Assumptions." November 2007. Available at: <http://www.ethree.com/GHG/25%20Nuclear%20Assumptions%20v2.doc>

Cole, Adam. *Arkansas Population Projections 2003–2025*. University of Arkansas Center for Business and Economic Research. June 30, 2003. Available at: <http://cber.uark.edu/default.asp?show=population>

Farrell, John. "Minnesota Feed-In Tariff Could Lower Cost, Boost Renewables and Expand Local Ownership." New Rules Project. January 2008. Available at: <http://www.newrules.org/de/feed-in-tariffs.pdf>.

Friends of the Earth. "What Is a Feed-in Tariff and Why Does the UK Need One To Support Renewable Energy?" Briefing Note. April 2008. Available at: [http://www.foe.co.uk/resource/briefing\\_notes/feedin\\_tariff.pdf](http://www.foe.co.uk/resource/briefing_notes/feedin_tariff.pdf)

Gipe, Paul. "Feed Law Powers Germany to New Renewable Energy Record." February 5, 2007. Available at: <http://www.renewableenergyworld.com/rea/news/story?id=47322>

Intergovernmental Panel on Climate Change. *Climate Change 2007—Mitigation of Climate Change. Contribution of Working Group III to the Fourth Assessment Report of the IPCC*. Available at: [http://www.mnp.nl/ipcc/pages\\_media/AR4-chapters.html](http://www.mnp.nl/ipcc/pages_media/AR4-chapters.html)

Metz, Bert, Ogunlade Davidson, Peter Bosch, Rutu Dave, and Leo Meyer, eds. *Climate Change 2007: Mitigation of Climate Change. Contribution of Working Group III to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change*. New York, NY: Cambridge University Press, 2007. Available at: <http://www.ipcc.ch/ipccreports/ar4-wg3.htm>

Minnesota Planning Minnesota Environmental Quality Board. *Inventory of Cogeneration Potential in Minnesota*. August 2001, page iv. Available at: <http://www.eqb.state.mn.us/pdf/2001/CogenInventory.pdf>

National Energy Technology Laboratory. *Cost and Performance Baseline for Fossil Energy Plants. Volume 1: Bituminous Coal and Natural Gas to Electricity. Final Report*. DOE/NETL-2007/1281. Prepared by Research and Development Solutions. May 2007; revision 1, August 2007. Available at: [http://www.netl.doe.gov/energy-analyses/pubs/Bituminous%20Baseline\\_Final%20Report.pdf](http://www.netl.doe.gov/energy-analyses/pubs/Bituminous%20Baseline_Final%20Report.pdf)

University of Arkansas, Center for Business and Economic Research. "Population Projections for 1990 to 2004." Available at: <http://cber.uark.edu/default.asp?show=population>

University of Arkansas, Institute for Economic Advancement. "Demographic Research: Population Estimates and Projections." Available at: <http://www.aiea.uarl.edu/research/demographic/population/default.html>

U.S. Bureau of the Census, Population Division. Arkansas Population Projections: 1995 to 2025. Available at: <http://www.census.gov/population/projections/state/9525rank/arprsrrel.txt/>

U.S. Department of Energy. *Energy Technologies and the Environment: Environmental Information Handbook*. Report DOE/EH-077. Washington DC, 1988.

U.S. Department of Energy, Energy Information Administration. "Annual Coal Report 2003 Data Tables." Available at: [http://www.eia.doe.gov/cneaf/coal/page/acr/acr\\_html\\_tabs.html](http://www.eia.doe.gov/cneaf/coal/page/acr/acr_html_tabs.html)

U.S. Department of Energy, Energy Information Administration. *Annual Energy Outlook 2007: With Projections to 2030*. DOE/EIA-0383(2007). Washington, DC, February 2006. Available at: [http://tonto.eia.doe.gov/ftproot/forecasting/0383\(2007\).pdf](http://tonto.eia.doe.gov/ftproot/forecasting/0383(2007).pdf)

U.S. Department of Energy, Energy Information Administration. *Annual Energy Outlook 2008: With Projections to 2030*. DOE/EIA-0383(2008). Washington, DC, June 2008. Available at: <http://www.eia.doe.gov/oiaf/aeo/>

U.S. Department of Energy, Energy Information Administration. "Arkansas Electricity Profile." Table 8: Retail Sales, Revenue, and Average Retail Price by Sector, 1990 Through 2006. DOE/EIA-0348. November 2007. Available at: [http://www.eia.doe.gov/cneaf/electricity/st\\_profiles/arkansas.html](http://www.eia.doe.gov/cneaf/electricity/st_profiles/arkansas.html)

U.S. Department of Energy, Energy Information Administration. *Assumptions to the Annual Energy Outlook 2007*. DOE/EIA-0554(2007). April 2007. Available at: <http://www.eia.doe.gov/oiaf/archive/aeo07/assumption/index.html>

U.S. Department of Energy, Energy Information Administration. "Electrical Power Annual 2006—State Data Tables." Form EIA-906: 1990–2006 Fossil Fuel Consumption for Electricity Generation by Year, Industry Type, and State. October 26, 2007. Available at: [http://www.eia.doe.gov/cneaf/electricity/epa/epa\\_sprdshts.html](http://www.eia.doe.gov/cneaf/electricity/epa/epa_sprdshts.html)

U.S. Department of Energy, Energy Information Administration. "Electricity Market Module." In *Assumptions to the Annual Energy Outlook 2007*. DOE/EIA-0554(2007). April 2007. Available at: <http://www.eia.doe.gov/oiaf/archive/aeo07/assumption/index.html>

U.S. Department of Energy, Energy Information Administration. "Form EIA-906 and EIA-920 Databases." Available at: [http://www.eia.doe.gov/cneaf/electricity/page/eia906\\_920.html](http://www.eia.doe.gov/cneaf/electricity/page/eia906_920.html)

U.S. Department of Energy, Energy Information Administration. *State Electricity Profiles 2005*. DOE/EIA-0348(01)/2. March 6, 2007. Available at: [http://tonto.eia.doe.gov/ftproot/electricity/stateprofiles/05st\\_profiles/062905.pdf](http://tonto.eia.doe.gov/ftproot/electricity/stateprofiles/05st_profiles/062905.pdf)

U.S. Department of Energy, Energy Information Administration. State Energy Data System. Available at: [http://www.eia.doe.gov/emeu/states/\\_seds.html](http://www.eia.doe.gov/emeu/states/_seds.html)

U.S. Department of Energy, Energy Information Administration. "Supplemental Tables to the Annual Energy Outlook 2008." Data Tables 1–20: Consumption & Prices by Sector & Census Division. Available at: <http://www.eia.doe.gov/oiaf/aeo/supplement/index.html>

U.S. Department of Energy, Energy Information Administration. Table 5. State Renewable Electric Power Industry Net Generation, by Energy Source. Derived from Form EIA-906: Power Plant Report and EIA-920: Combined Heat and Power Plant Report. Available at: [http://www.eia.doe.gov/cneaf/solar.renewables/page/state\\_profiles/rspt05ar.xls](http://www.eia.doe.gov/cneaf/solar.renewables/page/state_profiles/rspt05ar.xls)

U.S. Department of Energy, Energy Information Administration. "Supplemental Tables to the Annual Energy Outlook 2008." Data Tables 62–91: Electricity Generation & Renewable Resource. Available at: <http://www.eia.doe.gov/oiaf/aeo/supplement/index.html>

U.S. Environmental Protection Agency. Spreadsheet entitled “Arkansas CHP 7-17-08.xls” provided July 17, 2008, by Katrina Pielli, Manager, Clean Energy Program.

## **Appendix I – Transportation and Land Use Sectors Policy Recommendations**

Argonne National Laboratory. "Reducing Heavy Vehicle Idling." Available at: <http://www.transportation.anl.gov/engines/idling.html>

Argonne National Laboratory. "The Greenhouse Gases, Regulated Emissions, and Energy Use in Transportation (GREET) Model." Version 1.7. Available at: <http://www.transportation.anl.gov/software/GREET/>

Argonne National Laboratory. GREET model version 1.8. Available at: <http://www.transportation.anl.gov/software/GREET/>

Arkansas Safe Routes to School Program. Available at: <http://www.arkansashighways.com/planning/safe%20routes/index.htm>.

Arkansas State Highway and Transportation Department. *Arkansas Statewide Long-Range Intermodal Transportation Plan: 2007 Update*. Available at: <http://www.arkansashighways.com/planning/F%20&%20E/Final%202007%20Statewide%20Long%20Range%20Plan.pdf>

Bailey, Linda, P.L. Mokhtarian, and Andrew Little. *The Broader Connection Between Public Transportation, Energy Conservation and Greenhouse Gas Reduction*. Produced by ICF International for the American Public Transportation Association. February 2008. Available at: [http://www.apta.com/research/info/online/documents/land\\_use.pdf](http://www.apta.com/research/info/online/documents/land_use.pdf)

Benjamin, Michael, Jon Taylor, and Paul Hughes. "California Air Resources Board Technical Assessment: Comparison of Greenhouse Gas Reductions Under CAFE Standards and ARB Regulations Adopted Pursuant to AB1493." January 2, 2008.

California Air Resources Board. Zero Emission Vehicle Incentive Programs. Available at: <http://www.arb.ca.gov/msprog/zevprog/zip/zip.htm>

Campbell, Paul. "Population Projections by States, 1995–2025." Current Population Reports. P25-1131. U.S. Department of Commerce, Census Bureau. May 1997. Available at: <http://www.census.gov/prod/2/pop/p25/p25-1131.pdf>

Center for Urban Transportation Research, Mobility Program. VMT forecasting model.

Council for Agricultural Science and Technology. *Biofuel Feedstocks: The Risk of Future Invasions*. CAST Commentary QTA 2007-1. Ames, IA, 2007. Available at: <http://www.cast-science.org/websiteUploads/publicationPDFs/Biofuels%20Commentary%20Web%20version%20with%20color%20%207927146.pdf>

Ewing, Reid, Keith Bartholomew, Steve Winkelman, Jerry Walters, and Don Chen. *Growing Cooler: The Evidence on Urban Development and Climate Change*, Washington, DC: Urban Land Institute, 2008. Available at: <http://www.smartgrowthamerica.org/gcindex.html>

Ford Motor Company. "EPRI Joins Ford-SCE Analysis of Plug-In Hybrids on Grid." March 27, 2008. Available at: <http://www.ford.com/about-ford/news-announcements/press-releases/press-releases-detail/pr-epri-joins-fordsce-analysis-of-27955>

Greene, D.L. *TAFV: Alternative Fuels and Vehicles Choice Model Documentation*. Oak Ridge, TN: Oak Ridge National Laboratory, Center for Transportation Analysis, July 2001. Available at: [http://www.cta.ornl.gov/cta/Publications/Reports/ORNL\\_TM\\_2001\\_134.pdf](http://www.cta.ornl.gov/cta/Publications/Reports/ORNL_TM_2001_134.pdf)

Greene, D.L., and Y. Fan. *Transportation Energy Efficiency Trends, 1972–1992*. Report ORNL-6828. Oak Ridge, TN: Oak Ridge National Laboratory, Center for Transportation Analysis. December 1994. [http://www.osti.gov/bridge/product.biblio.jsp?osti\\_id=10110523](http://www.osti.gov/bridge/product.biblio.jsp?osti_id=10110523)

Heywood, J.B. "Fueling our Transportation Future." *Scientific American* September 2006;295(3):60-63. Available at: [http://www.scientificamericadigital.com/index.cfm?fa=Products.ViewIssuePreview&ARTICLE\\_ID\\_CHAR=EF120F2C-2B35-221B-6B924F6D6BA4F775](http://www.scientificamericadigital.com/index.cfm?fa=Products.ViewIssuePreview&ARTICLE_ID_CHAR=EF120F2C-2B35-221B-6B924F6D6BA4F775)

Hu, P.S., and T.R. Reuscher. *Summary of Travel Trends: 2001 National Household Travel Survey*. Prepared for the U.S. Department of Transportation Federal Highway Administration. December 2004. Available at: <http://nhts.ornl.gov/2001/pub/STT.pdf>

International Energy Agency. *Saving Oil in a Hurry*. 2005. Available at: [http://www.iea.org/Textbase/publications/free\\_new\\_Desc.asp?PUBS\\_ID=1474](http://www.iea.org/Textbase/publications/free_new_Desc.asp?PUBS_ID=1474)

Library of Congress, Thomas. "H.R.6: Energy Independence and Security Act of 2007." Available at: <http://thomas.loc.gov/cgi-bin/bdquery/z?d110:h.r.00006>:

Lovins, A.B., E.K. Datta, O-E. Bustnes, J.G. Koomey, and N.J. Glasgow. *Winning the Oil Endgame: Innovation for Profits, Jobs, and Security*. Rocky Mountain Institute. 2007. Available at: <http://nc.rmi.org/Page.aspx?pid=269&srcid=269>.

National Research Council. *Effectiveness and Impact of Corporate Average Fuel Economy (CAFE) Standards*. Washington, DC: National Academy Press, 2002. Available at: [http://www.nap.edu/openbook.php?record\\_id=10172&page=R1](http://www.nap.edu/openbook.php?record_id=10172&page=R1)

"Oil From Algae!" Available at: <http://www.oilgae.com>

Polzin, Steve. Per-capita VMT by census tract population density range. University of South Florida, Center for Urban Transportation Research Mobility Program.

Smart Growth America. "Energy and Climate." Available at: <http://www.smartgrowthamerica.org/climate.html>

Smart Growth America. "Open Space & Farmland." Available at:  
<http://www.smartgrowthamerica.org/openspace.html>

Texas Transportation Institute. *2007 Annual Urban Mobility Report*. Quantification Methods. Available at: <http://mobility.tamu.edu/ums/>

U.S. Department of Energy, Energy Information Administration. *Annual Energy Outlook 2008: With Projections for 2030 (Revised Early Release)*. DOE/EIA-0383(2008). March 2008. Available at: <http://www.eia.doe.gov/oiaf/aeo>

U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy. *Clean Cities Alternative Fuel Price Report*. 2001–2007. Available at:  
[http://www.eere.energy.gov/afdc/price\\_report.html](http://www.eere.energy.gov/afdc/price_report.html)

U.S. Department of Transportation, Bureau of Transportation Statistics. "National Household Travel Survey." Available at: [http://www.bts.gov/programs/national\\_household\\_travel\\_survey/](http://www.bts.gov/programs/national_household_travel_survey/)

U.S. Department of Transportation, Federal Transit Administration. "National Transit Database." 2006. Available at: <http://www.ntdprogram.gov/ntdprogram/>

U.S. Department of Transportation, Federal Highway Administration. "Safe Routes to School." Available at: <http://safety.fhwa.dot.gov/saferoutes/>

U.S. Department of Transportation, Federal Highway Administration, Office of Highway Policy Information. Highway Statistics series. Available at:  
<http://www.fhwa.dot.gov/ohim/ohimstat.htm>

U.S. Department of Transportation, National Highway Traffic Safety Administration, Center for Health Training. *Safe Routes to School: Practice and Promise*. Available at:  
<http://www.nhtsa.dot.gov/people/injury/pedbimot/bike/Safe-Routes-2004/images/SafeRoute2Schlo.pdf>

U.S. Environmental Protection Agency. *Travel and Environmental Implications of School Siting*. EPA 231-R-03-004. October, 2003. Available at:  
<http://www.smartgrowth.umd.edu/pdf/SchoolLocationReport.pdf>

## **Appendix J – Agriculture, Forestry, and Waste Management Sectors Policy Recommendations**

Aden, A., et al. *Lignocellulosic Biomass to Ethanol Process Design and Economics Utilizing Co-Current Dilute Acid Prehydrolysis and Enzymatic Hydrolysis for Corn Stover*. NREL/TP-510-32438. Golden, CO: National Renewable Energy Laboratory, June 2002. Available at:  
<http://www.nrel.gov/docs/fy02osti/32438.pdf>

Anders, Merle M. "Farming For Carbon: Can It Work And Does It Pay?" Presentation at the 2008 Conservation Tillage Conference Proceedings, January 21–22, 2008, Tunica, Mississippi. Available at: <http://www.cottoninc.com/Engineering/2008-Conservation-Tillage-Conference/?Pg=2>

Argonne National Laboratory. GREET model version 1.8b. Available at:  
<http://www.transportation.anl.gov/software/GREET/>

Arkansas Department of Environmental Quality. "2007 MSW Quarterly Report Yearly Totals." Excel spreadsheet of landfills in Arkansas highlighting those with landfill gas-to-energy capabilities, and those with currently installed gas collection systems. Provided by K. Bassett (ADEQ) to B. Strode (Center for Climate Strategies) on July 9, 2008.

Arkansas Department of Environmental Quality. "LFGTE List." Excel spreadsheet of landfills in Arkansas highlighting those with landfill gas-to-energy capabilities, and those with currently installed gas collection systems. Provided by K. Bassett (ADEQ) to B. Strode (Center for Climate Strategies) on July 9, 2008.

Arkansas Department of Environmental Quality. Personal communication from R. Hunter (ADEQ) to J. Pryor (Center for Climate Strategies), August 2008.

Arkansas Department of Environmental Quality. *State of Recycling in Arkansas*. Reports available from 1999 through 2006 at:  
[http://www.adeq.state.ar.us/solwaste/branch\\_recycling/default.htm](http://www.adeq.state.ar.us/solwaste/branch_recycling/default.htm)

Arkansas Economic Development Commission. *Arkansas Biomass Resource Assessment*. Annual Biomass Supply. Available at:  
[http://arkansasedc.com/business\\_development/energy/?page=bioenergy](http://arkansasedc.com/business_development/energy/?page=bioenergy)

Arkansas Forestry Commission. Personal communication between J. Shannon (AFC) and J. Jenkins (Center for Climate Strategies), July 2008.

Arkansas Governor's Commission on Global Warming. "Arkansas Greenhouse Gas Inventory and Reference Case Projections, 1990–2025: Waste Appendix." Available at:  
[http://www.arclimatechange.us/Inventory\\_Forecast\\_Report.cfm](http://www.arclimatechange.us/Inventory_Forecast_Report.cfm)

Arkansas Governor's Commission on Global Warming. "Arkansas Inventory and Forecast." Available at: <http://www.arclimatechange.us/ewebeditpro/items/O94F17378.pdf>

Arkansas Natural Resources Commission. *2005 Water Use Registration Surface Water Report*.

Arkansas Natural Resources Commission. *Arkansas Ground Water Protection and Management Report for 2007*. January 2008. Available at: [http://www.anrc.arkansas.gov/2007\\_Annual\\_Ground\\_Water\\_Report.pdf](http://www.anrc.arkansas.gov/2007_Annual_Ground_Water_Report.pdf)

Arkansas State Plant Board. Personal communication with Tim Ellison (ASPB). July 25, 2008.

ARKLEG Web site. See:  
<http://www.arkleg.state.ar.us/NXT/gateway.dll?f=templates&fn=default.htm&vid=blr:ar>

Beddoes, J.C., K.S. Bracmort, R.T. Burns, and W.F. Lazarus. *An Analysis of Energy Production Costs From Anaerobic Digestion Systems on U.S. Livestock Production Facilities*. Technical

Note No. 1. Washington, DC: U.S. Department of Agriculture, Natural Resources Conservation Service, October 2007. Available at: [policy.nrcs.usda.gov/TN\\_BIME\\_1\\_a.pdf](http://policy.nrcs.usda.gov/TN_BIME_1_a.pdf)

Bioenergy Knowledge Center. "Options for Electricity Production from Biomass." Available at: [http://www.bkc.co.nz/Portals/0/docs/options\\_for\\_electricity\\_generation\\_from\\_biomass.pdf](http://www.bkc.co.nz/Portals/0/docs/options_for_electricity_generation_from_biomass.pdf)

Bock, B.R. "Poultry Litter to Energy: Technical and Economic Feasibility." Muscle Shoals, AL: TVA Public Power Institute. Available at: [http://www.msenergy.ms/Bock-National Poultry Waste\\_8-15-00\\_.pdf](http://www.msenergy.ms/Bock-National Poultry Waste_8-15-00_.pdf)

Boyer, J., S. Bratkovich, A. Lindburg, and K. Fernholz. *Wood Products and Carbon Protocols: Carbon Storage and Low Energy Intensity Should Be Considered*. Dovetail Partners, Inc. April 28, 2008. Available at: <http://www.dovetailinc.org/reportView.php?action=displayReport&reportID=92>

Braemar Energy Ventures. "The Path to the Commercialization of Cellulosic Ethanol." 19th NREL Industry Growth Forum, October 24–26, 2006. Golden, CO: National Renewable Energy Laboratory. Available at: [http://www.nrel.gov/technologytransfer/entrepreneurs/pdfs/19\\_forum/braemar\\_cellulosic.pdf, slide 21](http://www.nrel.gov/technologytransfer/entrepreneurs/pdfs/19_forum/braemar_cellulosic.pdf, slide 21)

Brechbill, S.C., and W.E. Tyner. "The Economics of Biomass Collection, Transportation, and Supply to Indiana Cellulosic and Electric Utility Facilities." Working Paper 08-03. Purdue University, College of Agriculture, Department of Agricultural Economics. April 2008. Available at: <http://ideas.repec.org/p/pae/wpaper/08-03.html>

Brookes, Graham, and Peter Barfoot. "Global Impact of Biotech Crops: Socio-Economic and Environmental Effects in the First Ten Years of Commercial Use." *AgBioForum* 2006;9(3):139-151. Available at: <http://www.agbioforum.org/v9n3/v9n3a02-brookes.pdf>

Cassella Waste Management. Personal communication between P. Calabrese (CWM) and S. Roe (Center for Climate Strategies), June 5, 2007.

Chicago Climate Exchange (CCX). Agricultural Soil Carbon Offsets. Available at: <http://www.chicagoclimatex.com/content.jsf?id=781>

City of Davenport, Iowa. "Compost Products & Spreaders: Made in the Quad Cities USA." Available at: <http://www.cityofdavenportiowa.com/department/division.asp?fDD=28-375>

Conner, R.C., et al. "The State of South Carolina's Forests, 2001." Resource Bulletin SRS-96. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southern Research Station, 2004. Available at: <http://www.srs.fs.usda.gov/pubs/7507>

Container Recycling Institute. "Beverage Market Data Analysis." January 2004. Available at: <http://www.container-recycling.org/bmda/index.htm>.

Crossman, Kim. "Woody Biomass to CHP—Characteristics, Costs, and Performance of Commercially Available Technologies." U.S. Environmental Protection Agency, Combined Heat

and Power Partnership. October 26, 2007. Available at:

<http://www.fpl.fs.fed.us/tmu/2007safconvention/2007safconvention--crossman.ppt>

Duffy, Michael. "Estimated Costs for Production, Storage and Transportation of Switchgrass." Iowa State University, University Extension. December 2007. Available at:

<https://www.extension.iastate.edu/store/ItemDetail.aspx?ProductID=12708&SeriesCode=&CategoryID=23&Keyword=>

Edmonds, L., and B. Lippke. "Reducing Environmental Consequences of Residential Construction Through Product Selection and Design." Fact Sheet #4. Consortium for Research on Renewable Industrial Materials. September 2004. Available at:

[http://www.corrim.org/factsheets/fs\\_04/index.asp](http://www.corrim.org/factsheets/fs_04/index.asp)

Edwards, William. "Estimating a Value for Corn Stover." Ag Decision maker File A1-70. Iowa State University, University Extension. December 2007. Available at:

[https://www.extension.iastate.edu/store/ListItems.aspx?Keyword=corn stover](https://www.extension.iastate.edu/store/ListItems.aspx?Keyword=corn%20stover)

Elliot, Todd, et al. *Energy Use at Wisconsin's Drinking Water Facilities*. Report Number 222-1. Energy Center of Wisconsin. July 2003. Available at: <http://www.ecw.org/prod/222-1.pdf>

Emerson, Dan. "Latest Trends in Yard Trimmings Composting." *Biocycle* 2005;46(9):22.

Available at: [http://www.jgpress.com/archives/\\_free/000527.html](http://www.jgpress.com/archives/_free/000527.html)

Equine Management, Auction, and Appraisal Services, Inc. Available at:

<http://www.saddlefitting.net/haycompany/index.html>

Eureka Recycling. Personal communication between T. Brownell (Eureka) and S. Roe (Center for Climate Strategies), December 17, 2007.

Federal Reserve Bank of Minneapolis. "What Is a Dollar Worth?" Consumer Price Index calculator. Available at: <http://minneapolisfed.org/Research/data/us/calc/>

Flora, J.R.V., and C. Riahi-Nezhad. *Availability of Poultry Manure as a Potential Bio-Fuel Feedstock for Energy Production: Final Report*. Columbia, SC: University of South Carolina, Department of Civil and Environmental Engineering, August 31, 2006. Available at:

[http://www.scbiomass.org/Publications/Poultry Litter Final Report.pdf](http://www.scbiomass.org/Publications/Poultry_Litter_Final_Report.pdf)

Franklin Associates. 1960–2006 Municipal Solid Waste Characterization Data Tables. Available at: <http://www.epa.gov/epaoswer/non-hw/muncpl/pubs/06data.pdf>

Georgia Department of Community Affairs, Office of Environmental Management. "MSW and C&D Landfill Tipping Fees: 2005 Solid Waste Management Update." Available at:

[http://www.dca.state.ga.us/development/research/programs/downloads/SWAR\\_2005\\_Chap01.pdf](http://www.dca.state.ga.us/development/research/programs/downloads/SWAR_2005_Chap01.pdf)

Graham, R.L. "An Analysis of the Potential Land Base for Energy Crops in the Conterminous United States." *Biomass and Bioenergy* 1994;6(3):175-189, Oak Ridge National Laboratory.

Available at: [http://www.sciencedirect.com/science?\\_ob=ArticleURL&\\_udi=B6V22-49BS3BD-](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6V22-49BS3BD-)

[3F&\\_user=10&\\_rdoc=1&\\_fmt=&\\_orig=search&\\_sort=d&\\_view=c&\\_acct=C000050221&\\_version=1&\\_urlVersion=0&\\_userid=10&md5=d9a6715f872fc7795810c68146db7720](http://jeq.sci-journals.org/cgi/content/abstract/30/2/376)

Hao, X., C. Chang, F.J. Larney, and G.R. Travis. "Greenhouse Gas Emissions During Cattle Feedlot Manure Composting." *Journal of Environmental Quality* 2001;30:376-386. Available at: <http://jeq.sci-journals.org/cgi/content/abstract/30/2/376>

Hill, Jason, Erik Nelson, David Tilman, Stephen Polasky, and Douglas Tiffany. "Environmental, Economic, and Energetic Costs and Benefits of Biodiesel and Ethanol Biofuels." *Proceedings of the National Academy of Sciences* July 25, 2006;103(30):11206–11210. Available at: <http://www.pnas.org/cgi/content/full/103/30/11099>

Holland, Terrence W. *Water Use in Arkansas, 2005*. Scientific Investigations Report 2007–5241. U.S. Department of the Interior/U.S. Geological Survey and Arkansas Natural Resources Commission. 2007. Available at: <http://pubs.usgs.gov/sir/2007/5241/pdf/SIR2007-5241.pdf>

Iowa Association of Municipal Utilities. *Energy Costs to Treat Water and Wastewater in Iowa*. November 2002. Available at: [http://www.iamu.org/main/studies\\_reports/reports.htm](http://www.iamu.org/main/studies_reports/reports.htm)

Iowa State Department of Natural Resources, Bureau of Forestry. "Forest Land Enhancement Program Practices and Components in Iowa." Available at: [http://www.iowadnr.gov/forestry/pdf/FLEP\\_Rates.pdf](http://www.iowadnr.gov/forestry/pdf/FLEP_Rates.pdf)

Iowa State University, Agronomy Department. "Percent of Cropland in No-Till, 2004." Sourced from the Conservation Technology Information Center, National Crop Residue Management Survey.

Iowa State University, Agronomy Department. "Residue Remaining After Planting, All Tillage Practices: Totals for United States—Annual Crops." Sourced from Conservation Technology Information Centers, National Crop Residue Management Surveys. Available at: <http://extension.agron.iastate.edu/soils/pdfs/CTIC/cticus1.pdf>

Jun, Paul, Michael Gibbs, and Kathryn Gaffney. "CH<sub>4</sub> and N<sub>2</sub>O Emissions From Livestock Manure." In Intergovernmental Panel on Climate Change. *Good Practice Guidance and Uncertainty Management in National Greenhouse Gas Inventories*. 2000. Available at: [http://www.ipcc-nggip.iges.or.jp/public/gp/bgp/4\\_2\\_CH4\\_and\\_N2O\\_Livestock\\_Manure.pdf](http://www.ipcc-nggip.iges.or.jp/public/gp/bgp/4_2_CH4_and_N2O_Livestock_Manure.pdf)

Library of Congress—Thomas. "Energy Independence and Security Act of 2007." Section 201—Definitions. Available at: <http://thomas.loc.gov/home/c110query.html>

Manley, James, G. van Kooten, Klaus Moeltner, and Johnson Dale. "Creating Carbon Offsets in Agriculture Through No-Till Cultivation: A Meta-Analysis of Costs and Carbon Benefits." *Climatic Change* January 2005;68(1-2):41-65. Available at: <http://ideas.repec.org/p/rep/wpaper/2003-05.html>

McCracken Hay Company. Available at: <http://www.mccrackenhay.com/haypage-1.htm>

McPherson, E.G., and J.R. Simpson. *Carbon Dioxide Reduction Through Urban Forestry: Guidelines for Professional and Volunteer Tree Planters*. Gen. Tech. Rep. PSW-GTR-171. Washington, DC: U.S. Department of Agriculture, U.S. Forest Service, 1999. Available at: <http://www.treesearch.fs.fed.us/pubs/6779>

McPherson, E.G., J.R. Simpson, P.J. Peper, S.L. Gardner, K.E. Vargas, S.E. Maco, and Qingfu Xiao. *Piedmont Community Tree Guide: Benefits, Costs, and Strategic Planting*. USFS PSW-GTR-200. U.S. Department of Agriculture, Forest Service Pacific Southwest Research Station, November 2006. Available at: [http://www.fs.fed.us/psw/programs/cufr/products/2/cufr\\_647\\_gtr200\\_piedmont\\_tree\\_guide.pdf](http://www.fs.fed.us/psw/programs/cufr/products/2/cufr_647_gtr200_piedmont_tree_guide.pdf)

Metz, Bert, Ogunlade Davidson, Peter Bosch, Rutu Dave, and Leo Meyer, eds. *Climate Change 2007: Mitigation of Climate Change. Contribution of Working Group III to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change*. New York, NY: Cambridge University Press, 2007. Available at: <http://www.ipcc.ch/ipccreports/ar4-wg3.htm>

Milbrandt, A. *A Geographic Perspective on the Current Biomass Resource Availability in the United States*. Technical Report NREL/TP-560-39181. Golden, CO: U.S. Department of Energy, National Renewable Energy Laboratory, December 2005. Available at: [www.nrel.gov/docs/fy06osti/39181.pdf](http://www.nrel.gov/docs/fy06osti/39181.pdf)

Minnesota Department of Agriculture. *Agricultural Best Management Practices Loan Program: State Revolving Fund Status Report*. Minn. Publication 06-0636. February 28, 2006. Available at: <http://www.mda.state.mn.us/grants/loans/agbmploan.htm>

Montana Climate Change Advisory Group. See: <http://www.mtclimatechange.us>

Morris, David. *Making Cellulosic Ethanol Happen: Good and Not So Good Public Policy*. Minneapolis, MN: Institute for Local Self-Reliance, January 2007. Available at: [www.newrules.org/agri/cellulosicethanol.pdf](http://www.newrules.org/agri/cellulosicethanol.pdf)

National Renewable Energy Laboratory. Personal communication between J. Ashworth (NREL) and S. Roe (Center for Climate Strategies), April 2007.

Nowak, D.J., and D.E. Crane. "Carbon Storage and Sequestration by Urban Trees in the USA." *Environmental Pollution* March 2002;116(3):381-389. Available at: [http://www.sciencedirect.com/science?\\_ob=ArticleURL&\\_udi=B6VB5-44JYXWH-5&\\_user=10&\\_rdoc=1&\\_fmt=&\\_orig=search&\\_sort=d&view=c&\\_version=1&\\_urlVersion=0&\\_userid=10&md5=01f66b448ed2716f5d0a79ab94f56702](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6VB5-44JYXWH-5&_user=10&_rdoc=1&_fmt=&_orig=search&_sort=d&view=c&_version=1&_urlVersion=0&_userid=10&md5=01f66b448ed2716f5d0a79ab94f56702)

Nowak, D.J., et al. "Effects of Urban Forests and Their Management on Human Health and Environmental Quality. State Urban Forest Data: Arkansas." U.S. Department of Agriculture, U.S. Forest Service, Northern Research Station. Available at: [http://www.fs.fed.us/ne/syracuse/Data/State/data\\_AR.htm](http://www.fs.fed.us/ne/syracuse/Data/State/data_AR.htm)

Oak Ridge National Laboratory. Table A.2: Approximate Heat Content of Selected Fuels for Electric Power Generation. Available at:

[http://cta.ornl.gov/bedb/appendix\\_a/Approximate\\_Heat\\_Content\\_of\\_Selected\\_Fuels\\_for\\_Electric\\_Power\\_Generation.xls](http://cta.ornl.gov/bedb/appendix_a/Approximate_Heat_Content_of_Selected_Fuels_for_Electric_Power_Generation.xls)

Olson, Scott, and Alan Larson. *Opportunities and Barriers in Madison, Wisconsin: Understanding Process Energy Use in a Large Municipal Water Utility*. Madison Gas and Electric Company and Madison Water Utility. Available at: <http://www.cee1.org/ind/mot-sys/ww/mge2.pdf>

Perez-Garcia, J., B. Lippke, J. Connick, and C. Manriquez. "An Assessment of Carbon Pools, Storage, and Wood Products Market Substitution Using Life-Cycle Analysis Results." *Wood and Fiber Science* 2005;37:140-148. Corrim Special Issue. Available at: <http://www.corrim.org/reports/2005/swst/140.pdf>

Philips, B.A., C.H. Burnett, and J. James. "Energy Conservation Measures for a Large Metropolitan Groundwater Utility." *Proceedings From the 2001 American Water Works Association Annual Conference*. June 1, 2001. Available at: [http://www.techstreet.com/cgi-bin/detail?product\\_id=925154](http://www.techstreet.com/cgi-bin/detail?product_id=925154)

Ping, Rich, Timothy Van Pelt, Kimyar Enshayan, and Ellen Cook. *Food, Fuel, and Freeways: An Iowa Perspective on How Far Food Travels, Fuel Usage, and Greenhouse Gas Emissions*. Ames, IA: Leopold Center for Sustainable Agriculture, Iowa State University, June 2001. Available at: [http://www.leopold.iastate.edu/pubs/staff/ppp/food\\_mil.pdf](http://www.leopold.iastate.edu/pubs/staff/ppp/food_mil.pdf)

Princeton Energy Resources International, LLC, and Exeter Associates, Inc. *The Potential for Biomass Cofiring in Maryland*. DNR 12-2242006-107; PPES-06-02. Annapolis, MD: Maryland Department of Natural Resources, Maryland Power Plant Research Program, March 2006. Available at: [http://esm.versar.com/PPRP/bibliography/PPES\\_06\\_02/PPES\\_06\\_02.pdf](http://esm.versar.com/PPRP/bibliography/PPES_06_02/PPES_06_02.pdf)

Purdue University, Conservation Technology Information Center. "Reductions Associated With Conservation Tillage Compared With Conventional Tillage." Available at: <http://www.ctic.purdue.edu/Core4/CT/CRM/Benefits.html>

RecycleNet Composite Index. "U.S. Municipal Recycling Index—Spot Market Prices: Friday February 1, 2008." Available at: <http://www.scrapindex.com/municipal.html>

Rosson, J.F., Jr. "Arkansas Forest Resources, 1995." Resource Bulletin SRS-78. Asheville, NC: USDA/USFS, Southern Research Station, 2002. Available at: <http://srs.fs.usda.gov/pubs/4725>

Sauer, Pat, and Anne Kimber. *Energy Consumption and Costs to Treat Water and Wastewater in Iowa. Part 1: An Overview of Energy Consumption and Treatment Costs in Iowa*. November 2002. Available at: [http://www.iamu.org/main/studies\\_reports/reports.htm](http://www.iamu.org/main/studies_reports/reports.htm)

Schwaiger, Hannes, and Gerfried Jungmeier. "Overview of CHP Plants in Europe and Life Cycle Assessment (LCA) of GHG Emissions for Biomass and Fossil Fuel CHP Systems." Institute of Energy Research. September 2007. Available at: <http://www.atee.fr/cp/37/6-%2018-09%20SCHWAIGER%20JOANNEUM%20R.pdf>

Searchinger, T., R. Heimlich, R.A. Houghton, F. Dong, A. Elobeid, J. Fabiosa, S. Tokgoz, D. Hayes, and T-H Yu. "Use of U.S. Croplands for Biofuels Increases Greenhouse Gases Through Emissions From Land-Use Change." *Science* February 2008;319(5867):1238-1240. Available at: <http://www.sciencemag.org/cgi/content/abstract/1151861>

Simmons, P., N. Goldstein, S.M. Kaufman, N.J. Themelis, and J. Thompson, Jr. *The State of Garbage in America. 15th Nationwide Survey of Municipal Solid Waste Management in the United States*. A joint study by BioCycle and Columbia University Earth Engineering Center. April 2006. Available at: [http://www.seas.columbia.edu/earth/wtert/sofos/Simmons\\_SOG06.pdf](http://www.seas.columbia.edu/earth/wtert/sofos/Simmons_SOG06.pdf)

Smith, J.E., L.S. Heath, K.E. Skog, and R.A. Birdsey. *Methods for Calculating Forest Ecosystem and Harvested Carbon With Standards Estimates for Forest Types of the United States*. General Technical Report NE-343, Tables B47, B49, and B51. U.S. Department of Agriculture, Forest Service, Northern Research Station, December 21, 2005. Available at: <http://www.treearch.fs.fed.us/pubs/22954>

Stanturf, J.A., C.J. Schweitzer, and E.S. Gardiner. "Afforestation of Marginal Agricultural Land in the Lower Mississippi River Alluvial Valley, U.S.A." *Silva Fennica* 1998;32(3):281-297. Available at: <http://www.metla.fi/silvafennica/full/sf32/sf323281.pdf>

Strong, T.F. "Harvesting Intensity Influences the Carbon Distribution in a Northern Hardwood Ecosystem." USFS Research Paper NC-329. St. Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Research Station, 1997. Available at: <http://www.ncrs.fs.fed.us/pubs/812>

Sustainable Sites Initiative. *Standards & Guidelines: Preliminary Report*. Lady Bird Johnson Wildflower Center, American Society of Landscape Architects, and U.S. Botanic Garden. November 1, 2007. Available at: [www.sustainablesites.org/SustainableSitesInitiative\\_PreliminaryReport\\_110107.pdf](http://www.sustainablesites.org/SustainableSitesInitiative_PreliminaryReport_110107.pdf)

University of Arkansas. Personal communication with Dr. Philip Moore, June 23, 2008.

University of Arkansas, Department of Horticulture. Crop yields provided by Craig R. Andersen, Extension Horticulture Specialist—Vegetables.

U.S. Department of Agriculture, Economic Research Service. Data Sets. Food Availability: Spreadsheets. Food Consumption (Per Capita) Data System. Available at: <http://www.ers.usda.gov/Data/FoodConsumption/FoodAvailSpreadsheets.htm>

U.S. Department of Agriculture, Economic Research Service. Data Sets. State Fact Sheets: Arkansas. Food Consumption (Per Capita) Data System. Available at: <http://www.ers.usda.gov/statefacts/AR.htm>

U.S. Department of Agriculture, Economic Research Service. National Agricultural Statistics Service Table 7. "Average U.S. Farm Prices of Selected Fertilizers." Available at: <http://www.ers.usda.gov/Data/FertilizerUse/Tables/Table7.xls>

U.S. Department of Agriculture, Farm Service Agency. *Conservation Reserve Program Summary and Enrollment Statistics: FY 2007*. Prepared by Alex Barbarika. April 2008. Available at: [http://www.fsa.usda.gov/Internet/FSA\\_File/annual\\_consv\\_2007.pdf](http://www.fsa.usda.gov/Internet/FSA_File/annual_consv_2007.pdf)

U.S. Department of Agriculture, Forest Service, Forest Inventory and Analysis National Program. Data available at: <http://www.fia.fs.fed.us/tools-data/>

U.S. Department of Agriculture, Forest Service, Forest Inventory and Analysis National Program. "National Woodland Owner Survey." Available at: <http://www.fia.fs.fed.us/nwos/>

U.S. Department of Agriculture, Forest Service, Forest Inventory and Analysis National Program. Preliminary data on forest management practices supplied by Roger Conner (USFS).

U.S. Department of Agriculture, National Agricultural Statistics Service. "2003 Farm and Ranch Irrigation Survey." South Carolina Table 20—Energy Expenses for On-Farm Pumping of Irrigation Water by Water Source and Type of Energy: 2003 and 1998. Available at: [http://www.agcensus.usda.gov/Publications/2002/FRIS/tables/fris03\\_20.pdf](http://www.agcensus.usda.gov/Publications/2002/FRIS/tables/fris03_20.pdf)

U.S. Department of Agriculture, National Agricultural Statistics Service. "Arkansas State Agriculture Overview—2007." Available at: [http://www.nass.usda.gov/Statistics\\_by\\_State/Ag\\_Overview/AgOverview\\_AR.pdf](http://www.nass.usda.gov/Statistics_by_State/Ag_Overview/AgOverview_AR.pdf)

U.S. Department of Agriculture, National Agricultural Statistics Service. "Arkansas State and County Data." Volume 1, Geographic Area Series, Part 4. AC-02-A-4. 1997. In *2002 Census of Agriculture*. June 2004. Available at: <http://www.nass.usda.gov/census/census02/volume1/ar/ARVolume104.pdf>

U.S. Department of Agriculture, Natural Resources Conservation Service. "2003 Annual National Resources Inventory: State Report." February 2007. Available at: <http://www.nrcs.usda.gov/technical/NRI/2003/statereports/all.html>

U.S. Department of Agriculture, Natural Resources Conservation Service. Arkansas State Conservation Office. Available at: <http://www.ar.nrcs.usda.gov/>

U.S. Department of Agriculture, Natural Resources Conservation Service, Arkansas State Conservation Office. STASGO information. Available at: <http://www.ar.nrcs.usda.gov/>

U.S. Department of Commerce, Census Bureau. "State & County QuickFacts, People QuickFacts." Available at: <http://quickfacts.census.gov/qfd/states/19000.html>; <http://quickfacts.census.gov/qfd/states/05000.html>

U.S. Department of Commerce, Census Bureau. "State Interim Population Projections by Age and Sex: 2004–2030." Table 6: Total Population for Regions, Divisions, and States: 2000 to 2030. Available at: <http://www.census.gov/population/www/projections/projectionsagesex.html>

U.S. Department of Energy, Energy Information Administration. *Annual Energy Outlook 2003: With Projections to 2025*. DOE/EIA-0383(2003). Washington, DC, January 2003. Available at: [http://tonto.eia.doe.gov/ftproot/forecasting/0383\(2003\).pdf](http://tonto.eia.doe.gov/ftproot/forecasting/0383(2003).pdf)

U.S. Department of Energy, Energy Information Administration. *Annual Energy Outlook 2007: With Projections to 2030*. DOE/EIA-0383(2007). Washington, DC, February 2006. Available at: [http://tonto.eia.doe.gov/ftproot/forecasting/0383\(2007\).pdf](http://tonto.eia.doe.gov/ftproot/forecasting/0383(2007).pdf)

U.S. Department of Energy, Energy Information Administration. *Annual Energy Outlook 2008: With Projections to 2030*. DOE/EIA-0383(2008). Washington, DC, June 2008. Available at: <http://www.eia.doe.gov/oiaf/aeo/>

U.S. Department of Energy, Energy Information Administration. *Annual Energy Outlook 2008: With Projections to 2030*. Reference Case Table A12—Petroleum Product Prices. DOE/EIA-0383(2008). Washington, DC, June 2008. Available at: <http://www.eia.doe.gov/oiaf/aeo/pdf/tables.pdf>

U.S. Department of Energy, Energy Information Administration. "Average Heat Content of Selected Biomass Fuels." Table 10 Annual Electric Generator. April 2008. Available at: <http://www.eia.doe.gov/cneaf/solar.renewables/page/trends/table10.html>

U.S. Department of Energy, Energy Information Administration. "Biofuels in the U.S. Transportation Sector." February 2007. Available at: <http://www.eia.doe.gov/oiaf/analysispaper/biomass.html>

U.S. Department of Energy, Energy Information Administration. "Electricity Market Module." In *Assumptions to the Annual Energy Outlook 2007*. DOE/EIA-0554(2007). April 2007. Available at: <http://www.eia.doe.gov/oiaf/aeo/assumption/pdf/electricity.pdf>

U.S. Department of Energy, Energy Information Administration. "Electricity Market Module." In *Assumptions to the Annual Energy Outlook 2008*. DOE/EIA-0554(2007). June 2008. Available at: <http://www.eia.doe.gov/oiaf/aeo/assumption/pdf/electricity.pdf>

U.S. Department of Energy, Energy Information Administration. "Short-Term Energy Outlook." Table 2: U.S. Energy Nominal Prices. July 2008. Available at: <http://www.eia.doe.gov/emeu/steo/pub/2tab.pdf>

U.S. Department of Energy, Energy Information Administration. *Supplemental Tables to the Annual Energy Outlook 2008*. June 2008. Available at: <http://www.eia.doe.gov/oiaf/aeo/supplement/index.html>

U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy. Technology Fact Sheet: "Combined Heat and Power." Available at: <http://www.ezec.gov/rbs/farmbill/Combined Heat and Power.doc>

U.S. Department of Energy and U.S. Department of Agriculture. Letter from Secretaries Bodman and Schafer to Senator Jeff Bingaman, dated June 11, 2008.

U.S. Environmental Protection Agency. *2006 MSW Characterization Data Tables (PDF)*. Available at: <http://www.epa.gov/epaoswer/non-hw/muncpl/pubs/06data.pdf>.

U.S. Environmental Protection Agency. "eGRID 2006 Year 2004 Summary Tables." April 30, 2007. Available at: <http://www.epa.gov/cleanenergy/energy-resources/egrid/index.html>

U.S. Environmental Protection Agency. "Emissions & Generation Resource Integrated Database (eGRID). Data for Arkansas." Available at: <http://www.epa.gov/cleanenergy/energy-resources/egrid/index.html>

U.S. Environmental Protection Agency. *Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990–2006*. USEPA #430-R-08-005. April 2008. Available at: <http://www.epa.gov/climatechange/emissions/usinventoryreport.html>

U.S. Environmental Protection Agency. "Waste Reduction Model (WARM)." Version 8, May 2006. Available at: [http://www.epa.gov/climatechange/wycd/waste/calculators/Warm\\_home.html](http://www.epa.gov/climatechange/wycd/waste/calculators/Warm_home.html)

U.S. Environmental Protection Agency, Landfill Methane Outreach Program. "Energy Projects and Candidate Landfills." Available at: <http://www.epa.gov/lmop/proj/index.htm>

U.S. Environmental Protection Agency, Landfill Methane Outreach Program. Landfill Gas Energy Cost Model (LFGcost), Version 1.4. Available at: <http://www.epa.gov/lmop/res/index.htm>

U.S. Environmental Protection Agency, Landfill Methane Outreach Program. Landfill Gas Energy Cost Model (LFGcost), Version 1.4. "Summary Report, Pechan for NC GHG Mitigation Plan—Scenario 1, LFGE Project Type: Direct Use (0.5 mile pipeline)." March 2, 2007. (Not available online.)

U.S. Environmental Protection Agency, Landfill Methane Outreach Program. Landfill Gas Energy Cost Model (LFGcost), Version 1.4. "Summary Report, Pechan for NC GHG Mitigation Plan—Scenario 2, No Section 45 Tax Credit LFGE Project Type: Small Engine-Generator Set." March 2, 2007. (Not available online.)

U.S. Environmental Protection Agency, Landfill Methane Outreach Program. Landfill Gas Energy Cost Model (LFGcost), Version 1.4. "Summary Report, Pechan for NC GHG Mitigation Plan—Scenario 4, LFGE Project Type: Standard Reciprocating Engine-Generator Set." March 2, 2007. (Not available online.)

U.S. Environmental Protection Agency, Landfill Methane Outreach Program. Landfill Methane Outreach Program Database. Available at: <http://www.epa.gov/lmop/proj/>

Vanotti, M.B., A.A. Szogi, and C.A. Vives. "Greenhouse Gas Emission Reduction and Environmental Quality Improvement From Implementation of Aerobic Waste Treatment Systems in Swine Farms." *Waste Management* 2008;28(4):759-766. Available at: [http://www.sciencedirect.com/science?\\_ob=ArticleURL&\\_udi=B6VFR-4R8KT18-3&\\_user=10&\\_rdoc=1&\\_fmt=&\\_orig=search&\\_sort=d&view=c&\\_acct=C000050221&\\_version=1&\\_urlVersion=0&\\_userid=10&md5=db75fa272fe41653220c60dc09cb4733](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6VFR-4R8KT18-3&_user=10&_rdoc=1&_fmt=&_orig=search&_sort=d&view=c&_acct=C000050221&_version=1&_urlVersion=0&_userid=10&md5=db75fa272fe41653220c60dc09cb4733)

Velthof, Gerard, Peter Kuikman, and Oene Oenema, "Nitrous Oxide Emission From Animal Manures Applied to Soil Under Controlled Conditions," *Biology and Fertility of Soils* April 2003;37(4):221-230. Available at: <http://www.springerlink.com/content/19gx2jlrq2fp3y9/>

Vermont Climate Change Advisory Group. See: <http://www.vtclimatechange.us>

Vitse, Frédéric, Matt Cooper, and Gerardine G. Botte. "On the Use of Ammonia Electrolysis for Hydrogen Production." *Journal of Power Sources* 2005;142:18-26. Available at: <http://webche.ent.ohiou.edu/eerl/documents/vitse-cooper-botte%20JPS-2005-Ammonia.pdf>

Walker, S., S. Grimland, J. Winsten, and S. Brown. "Opportunities for Improving Carbon Storage Through Afforestation of Agricultural Lands." Part 3A in *Terrestrial Carbon Sequestration in the Northeast: Quantities and Costs*. The Nature Conservancy, Winrock International, and The Sampson Group. October 2007. Available at: <http://www.sampsongroup.com/Papers/carbon.htm>

Walton, S., and G. Bullen. "Economic Comparison of Three Cotton Tillage Systems in Three NC Regions." North Carolina Cooperative Extension. Available at: [www.ces.ncsu.edu/depts/agecon/Cotton\\_Econ/production/Economic\\_Comparison.ppt](http://www.ces.ncsu.edu/depts/agecon/Cotton_Econ/production/Economic_Comparison.ppt)

West, T.O., and G. Marland. "A Synthesis of Carbon Sequestration, Carbon Emissions, and Net Carbon Flux in Agriculture: Comparing Tillage Practices in the United States." *Agriculture, Ecosystems & Environment* September 2002;91(1-3):217-232. Available at: [http://www.sciencedirect.com/science?\\_ob=ArticleURL&\\_udi=B6T3Y-46MBDPX-10&\\_user=10&\\_rdoc=1&\\_fmt=&\\_orig=search&\\_sort=d&\\_view=c&\\_acct=C000050221&\\_version=1&\\_urlVersion=0&\\_userid=10&md5=4bf71c930423acddffbcef6d46d763c3](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T3Y-46MBDPX-10&_user=10&_rdoc=1&_fmt=&_orig=search&_sort=d&_view=c&_acct=C000050221&_version=1&_urlVersion=0&_userid=10&md5=4bf71c930423acddffbcef6d46d763c3).

Wood, Sam, and Annette Cowie. *A Review of Greenhouse Gas Emission Factors for Fertiliser Production*. Research and Development Division, State Forests of New South Wales, Cooperative Research Centre for Greenhouse Accounting. June 2004. Available at: [http://www.ieabioenergy-task38.org/publications/GHG\\_Emission\\_Fertilizer%20Production\\_July2004.pdf](http://www.ieabioenergy-task38.org/publications/GHG_Emission_Fertilizer%20Production_July2004.pdf)

Wyoming Business Council. *Municipal Solid Waste*. Available at: [http://www.wyomingbusiness.org/pdf/energy/Biomass\\_MunicipalWaste.pdf](http://www.wyomingbusiness.org/pdf/energy/Biomass_MunicipalWaste.pdf)