

Wind and Other Renewable Energy

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AC Databases

- [ScienceDirect](#): Complete text, summaries, or source information for articles covering physical sciences, engineering and others.
- [Business Source Complete](#) offers indexing and abstracting and full text from scholarly business journals, covering management, economics, finance, accounting, and international business.
- [NetLibrary](#): electronic books with full content.
- [Academic Search Complete](#): Contains both scholarly and popular content. An excellent source for most research assignments.
- **Opposing Viewpoints:** [\[On-Campus Use\]](#) [\[Off-Campus Use\]](#) For persuasive / argumentative assignments. Contains pro/con essays, periodical articles, statistics, book excerpts, and recommended Web links.

Web Sites

Wind

- [Amarillo College Renewable Energy - Wind Technology Program](#)— includes links to Basic wind technician, advanced wind technician, AAS Renewable Energy/Wind and student fact sheet.
- [American Wind Energy Association](#)—“the American Wind Energy Association (AWEA) is the hub of the wind energy industry.” Site has excellent resource page of frequently asked questions and an informative wind web tutorial.
- [Energy Efficiency and Renewable Energy](#)—Office of EERE is part of the U.S. Dept. of Energy. This link takes you to the Wind and Hydropower Technologies Program.
- [National Renewable Energy Laboratory](#)—“NREL is the principal research laboratory for the DOE [Office of Energy Efficiency and Renewable Energy](#) and also provides research expertise for [Office of Science](#), and the [Office of Electricity Delivery and Energy Reliability](#). NREL is managed for DOE by [the Alliance for Sustainable Energy, LLC](#)”.
- [Occupations in Energy](#)—information from the U.S. Bureau of Labor in the Occupational Outlook Quarterly Fall 2008--mostly electrical occupations but addresses renewable “green” energy also.

- [Wind Energy Resource Guide](#)—excellent resource page on the American Wind energy Association web site—includes frequently asked questions and wind web tutorial (wind energy basics, wind energy industry, etc).
- [Wind Research](#)—National Wind Technology Center (NWTTC) “is the nation's premier wind energy technology research facility”. It is part of the U. S. Dept of Energy’s National Renewable Energy Laboratory.
- [Wind Turbine](#)—includes diagram of how it works, has a link to an animated video and a glossary of wind turbine terms from the National Renewable Energy Laboratory web site.

Other Renewable Energy

- [American Solar Energy Society](#)—(ASES) is the nation's leading association of solar professionals & advocates. Site has solar information, programs, job information and more.
- [Biomass Energy](#)—information from the National Renewable Energy Laboratory and resource links included on web site.
- [Geothermal Energy](#)—information from the National Renewable Energy Laboratory and resource links included on web site.
- [Hydropower Energy](#) — information from the National Renewable Energy Laboratory and resource links included on web site.
- [Solar Energy](#)— information from the National Renewable Energy Laboratory and resource links included on web site.
- [Student Resources of Renewable Energy](#)— “variety of educational resources that can help you learn about the following renewable energy sources and technologies.”

Electronic Books

Note: There are many books in the [NetLibrary eBooks](#) database. Below are just a few samples. Please log in using you’re myAC / WebAdvisor ID and password.

- [Wind Energy Explained: Theory, Design and Application](#). Manwell, J. F.; McGowan J. G.; Rogers, Anthony L. Chichester, New York: John Wiley & Sons, Ltd. (UK), 2002.
- [Wind Energy: Handbook](#). Burton, Tony. Chichester, New York: John Wiley & Sons, Ltd. (UK), 2001.
- [Renewable Power Pathways: A Review of the U.S. Department of Energy's Renewable Energy Programs](#). *Compass Series* Washington, D.C. : National Academy Press, 2000.
- [Alternate Energy: Assessment and Implementation Reference Book](#). Winebrake, James J. New York: The Fairmont Press, 2004.
- [The Solar Economy: Renewable Energy for a Sustainable Global Future](#). Scheer, Hermann. London, Sterling, VA: James & James, 2002.

- [Solar Energy, Technology Policy, and Institutional Values](#). Laird, Frank N. Cambridge, New York: Cambridge University Press, 2001.
- [Energy and Transportation: Challenges for the Chemical Sciences in the 21st Century](#). Washington, D.C.: National Academies Press, 2003.
- [Exploring Environmental Issues: An Integrated Approach](#). Kemp, David D. London, New York: Taylor & Francis, 2004.

Print Books

Librarians can help students identify suitable books for assignments. You can save time by seeking their assistance.

Washington Street Campus

- **Walk-in assistance:** Go to the second floor of Lynn Library. Use the telephone located on the small table near the main computer sign-in desk to call the research help number, which is posted. The librarian on duty will respond.
- **Assistance by appointment:** Call 371-5403 or 345-5582 to make an appointment for uninterrupted individual help.
- **Assistance by telephone:** Call 371-5468 or toll-free 866-371-5468.

West Campus

Note: The West Campus Library specializes in nursing, allied health, criminal justice, child development, and mortuary science.

- **Walk-in assistance:** Go to the AC area of the Amarillo Public Library Northwest Branch, which is located in the southeast corner of the AC West Campus (closest to Bell Street). (The AC area is located in the back right-hand corner of the building.) The AC librarian on duty will assist you. You will need a valid library card to check out a book. Call 371-5400 for information about how to obtain a library card.
- **Assistance by telephone:** Call 356-3627.