

Wind Energy Information

General Wind Information

- American Wind Energy Association (AWEA) Web Site: www.awea.org
This is the web site of the U.S. Wind Trade Group. This comprehensive web site covers many different aspects of wind energy technology and policy. The web site includes a searchable directory of member companies. This is very useful when looking for talent for hire.
- Wind Powering America Web Site: www.windpoweringamerica.gov
Also comprehensive; focuses more on specific groups such as Native Americans, rural communities, and public power. Also has an analysis tool for estimating the economics of a particular project
- Energy and Wind Turbines Vaughn Nelson
Good introduction (at the lower undergraduate level) to wind turbine technology and applications.
- Wind Power for Home & Business (2004) Paul Gipe
This book focuses mostly on small wind, but covers many aspects of wind energy in great detail
- North American Wind Power: www.nawindpower.com
Free monthly newspaper devoted to the North American wind market. Each issue generally includes an article related to the wind farm development process

Specialized Web Sites

- Utility Wind Interest Group (UWIG) Web Site: www.uwig.org
UWIG is a technical group focusing on issues related to integrating wind turbines into the grid such as operating impacts and interconnection.
- National Wind Coordinating Committee (NWCC) Web Site: www.nationalwind.org
NWCC focuses on trying to achieve consensus on various wind development issues. The NWCC web site has information on selected topics such as: Avian, Siting, Permitting, Economic Development, Transmission)
- Individual company and organization web sites
Many organization and company web sites contain information of interest

Community Wind Information

- “Community Wind Financing”
Environmental Law & Policy Center
<http://www.elpc.org/energy/windhandbook2004.pdf>
- “A Survey of State Support for Community Wind Power Development”
Berkeley Lab & Clean Energy States Alliance
http://www.cleanenergystates.org/CaseStudies/LBL_community_wind_final.pdf
- “A Comparative Analysis of Community Wind Power Development Options in Oregon”
Energy Trust of Oregon
http://www.energytrust.org/RR/wind/OR_Community_Wind_Report.pdf
This publication has information applicable beyond Oregon
- Windustry Web Site: <http://www.windustry.org/>
This web site is devoted to community wind.

Small Wind

- Wind Energy Basics: A Guide to Small & Micro Wind Systems (1999) Paul Gipe
A good introduction to small wind turbines
- Homepower Magazine www.homepower.com
This monthly magazine has extensive nuts & bolts information about small wind and solar systems

College Level Textbooks

- Wind Energy Explained (2002) J.F. Manwell, J.G. McGowan, A.L. Rogers
- Wind Energy Handbook (2001) T. Burton, D. Sharpe, N. Jenkins, E. Bassanyi

Meant for senior undergraduate or graduate level engineering students, these books both focus mainly on wind turbine design. Both books have sections on wind resource assessment and wind farm development.

Potential Sources of Financial Assistance for Community Wind Projects

Federal

USDA

- Renewable Energy & Energy Efficiency Grants & loan guarantees (aka “9006 grants”, “Farm Bill grants”)
- Value Added Producer Grants
- Business/Industry Guaranteed Loan Program
- Rural Economic Development Loan & Grant Program
- Rural Business Opportunity Grants
- Intermediate Relending Program
- Rural Business Grants

Small Business Administration

- 504 Loan Program
- 7(a) Loan Guarantee Program

State: Varies from state to state

See the DSIRE web site <http://www.dsireusa.org/> to access the various state incentives