

Wind Energy Information Resources

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This list reflects one person's view of useful information sources. It is not exclusive and does not begin to scratch the surface.

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
This comprehensive web site focuses more on specific groups such as Native Americans, rural communities, and public power.
- Energy and Wind Turbines (Available in print or CD ROM formats) Vaughn Nelson
Good introduction to wind turbine technology and applications. Can be purchased from the Alternative Energy Institute (AEI) www.windenergy.org/index.htm
- 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 that are applicable to projects of all sizes.
- 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

Community Wind Information

Community wind projects face many of the same issues as tribal wind projects. The above publications all discuss various options for developing community wind projects. Many of the lessons can be applied to tribal projects.

- "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.

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

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
- Hugh Piggot web site <http://www.scoraigwind.com/>
Good web site for those interested in building their own small wind turbine

Wind Turbine Design

- Wind Energy Explained Manwell, McGowan, Rogers
- Wind Energy Handbook Burton, Sharpe, Jenkins, Bassanyi,
Both these books are for senior undergraduates or grad students

Training Seminars/Courses

- AWEA www.awea.org offers seminars on various aspects of utility-scale wind project development. They are good, but not cheap.
- Small wind courses are offered by Solar Energy International (SEI) www.solarenergy.org/ and by the Midwest Renewable Energy Society (MRES) www.the-mrea.org/
- Regional renewable energy fairs often offer short courses on small wind energy. Information about these fairs is often posted on the Homepower, www.homepower.com and American Solar Energy Society, (ASES) www.ases.org/ web sites.

Potential Sources of Financial Assistance for 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