

**The Renewable Energy Resources Committee
of the American Bar Association
Section of Environment, Energy, and Resources**

SUGGESTED READING MATERIALS

February 14, 2007

**PROGRAM: A NEW FRAMEWORK FOR DEVELOPING AND
FINANCING WIND ENERGY PROJECTS**

This document will be posted on the conference web site for easy access to links.

MATERIALS POSTED ON WEBSITE (IN ADDITION TO PRESENTATIONS)

1. American Wind Energy Association
 - Wind Energy Basics
 - Wind Power Today
 - Wind Energy and U.S. Energy Subsidies
 - Wind Energy Capacity
2. Blakeway, Darrell. "Tapping the Power of Wind," *Energy Law Journal*, Vol. 26, No. 2 (2005).

LINKS TO ADDITIONAL MATERIALS

General: U.S. Department of Energy, *Windpowering America Update*, January 2007
http://www.eere.energy.gov/windandhydro/windpoweringamerica/filter_detail.asp?itemid=746

I. SITING

A. WIND RESOURCE AREAS

- Wind Energy Resource Atlas of the United States: <http://rredc.nrel.gov/wind/pubs/atlas/>
- Wind Power Maps: <http://www.windpowermaps.org/default.asp>
- Wind Project Maps: <http://www.awea.org/projects/index.html>

B. PERMITTING GUIDES

- American Wind Energy Association, information concerning streamlined zoning and permitting procedures, including model ordinance
<http://www.awea.org/smallwind/toolbox/IMPROVE/zoning.asp>
- National Wind Coordinating Collaborative, *Permitting of Wind Energy Facilities: A Handbook* <http://www.nationalwind.org/pubs/permit/permitting2002.pdf>

- National Wind Coordinating Collaborative and National Conference of State Legislatures, “State Siting and Permitting of Wind Energy Facilities,” available at http://www.nationalwind.org/publications/siting/Siting_Factsheets.pdf
- National Wind Coordinating Collaborative, *Permitting of Wind Energy Facilities: A Handbook* <http://www.nationalwind.org/publications/permit/default.htm>
- Oregon Energy Office, *Planning for Locally-Regulated Energy Facilities* <http://egov.oregon.gov/ENERGY/SITING/local.shtml>
- *Permitting Small Wind Turbines: A Handbook, Learning from the California Experience* <http://www.awea.org/smallwind/documents/permitting.pdf>
- Washington Department of Fish and Wildlife, *Wind Power Guidelines*, <http://wdfw.wa.gov/hab/engineer/windpower/>
- U.S. Department of Energy, *Wind Energy Guide for County Commissioners* http://www.eere.energy.gov/windandhydro/windpoweringamerica/filter_detail.asp?itemid=1386
- British Wind Energy Association, *Best Practice Guidelines for Wind Energy Development* <http://www.bwea.com/pdf/bpg.pdf>

C. SITING ON FEDERAL LAND

- Assessing the Potential for Renewable Energy on Public Lands <http://www.nrel.gov/docs/fy03osti/33530.pdf>

Department of Interior, Bureau of Land Management

- Right-of-Way Management, Wind Energy Land Use Plan Amendments, Wind Energy <http://www.blm.gov/nhp/efoia/wo/fy06/im2006-216.htm>
- Right-of-Way Management-Land Use Planning Directive <http://www.blm.gov/nhp/efoia/wo/fy05/im2005-006.htm>
- Wind Energy Development Programmatic EIS Information Center <http://windeis.anl.gov/>
- BLM Interim Guidelines to Avoid and Minimize Wildlife Impacts from Wind Turbines http://www.blm.gov/nhp/what/lands/realty/FWS_wind_turbine_guidance_7_03.pdf

D. INFORMATION ON AVIAN IMPACTS

- Bonneville Power Administration, *Synthesis and Comparison of Baseline Avian and Bat Use, Raptor Nesting and Mortality Information from Proposed and Existing Wind Developments* http://www.bpa.gov/Power/pgc/wind/Avian_and_Bat_Study_12-2002.pdf

- Western EcoSystems Technology, Inc. Wind/Avian Studies Page: http://www.west-inc.com/wind_reports.php
- National Wind Coordinating Collaborative, *Avian Collisions with Wind Turbines: A Summary of Existing Studies and Comparisons to Other Sources of Avian Collision Mortality in the United States* http://www.west-inc.com/reports/avian_collisions.pdf
- Developing Methods to Reduce Bird Mortality in the Altamont Pass Wind Resource Area http://www.energy.ca.gov/pier/final_project_reports/500-04-052.html

D. RADAR

- National Wind Coordinating Collaborative, Issue Forum on Wind Power and Radar Interaction <http://www.nationalwind.org/events/business/37/default.htm>

II. FINANCIAL MATTERS

A. ECONOMIC DEVELOPMENT

- Lawrence & Associates, *From Snack Bars to Rebar* <http://www.state.co.us/oemc/events/cwade/2004/presentations/cox.pdf>
- Renewable Energy Policy Project, *The Effect of Wind Development on Property Values* http://www.repp.org/articles/static/1/binaries/wind_online_final.pdf
- Renewable Energy Policy Project, *The Work That Goes Into Renewable Energy* http://www.repp.org/articles/static/1/binaries/LABOR_FINAL_REV.pdf

B. ECONOMICS

- Institute for Energy and Environmental Research, *Cash Crop on the Wind Farm* <http://www.ieer.org/reports/wind/cashcrop/index.html>
- Public Policy Consulting, *The Impact of a Renewable Portfolio Standard on Retail Electric Rates in Colorado* http://makingchange.typepad.com/neowind/2004/02/study_wind_powe.html

C. FEDERAL SUPPORT FOR ENERGY

- Renewable Energy Policy Project, *Federal Energy Subsidies: Not All Technologies are Created Equal* http://www.repp.org/repp_pubs/articles/resRpt11/subsidies.pdf
- Energy Information Administration, *Federal Financial Investments and Subsidies in Energy Markets 1999: Primary Energy* <http://www.eia.doe.gov/oiaf/servicrpt/subsidy/>

D. PROPERTY VALUES

- Renewable Energy Policy Project, *The Effect of Wind Development on Property Values*, http://www.repp.org/articles/static/1/binaries/wind_online_final.pdf

III. TRANSMISSION AND WIND INTEGRATION ISSUES

A. GENERAL

- National Wind Coordinating Collaborative and Western Governor’s Association Transmission Products Webinar <http://www.nationalwind.org/events/webinar/default.htm>
- National Wind Coordinating Collaborative transmission publications – see generally <http://nationalwind.org/publications/transmission.htm>
- American Wind Energy Association, Transmission Policy <http://www.awea.org/policy/documents/transmission.PDF>
- National Renewable Energy Laboratory, *Wind Power Impacts on Electric Power System Operating Costs: Summary and Perspective on Work to Date*, available at: <http://www.nrel.gov/docs/fy04osti/35946.pdf>
- Utility Wind Integration Group - Collection of Integration Studies <http://www.uwig.org/opimpactsdocs.html>
- Utility Wind Interest Group, *Wind Power Impacts on Electric Power System Operating Costs: Summary and Perspective on Work to Date* <http://www.uwig.org/windpower2004.pdf>

B. REGIONAL STUDIES AND MEETING MATERIALS RELATING TO TRANSMISSION FOR RENEWABLE GENERATORS

- **New York**

GE Power Systems Engineering Consulting, *The Effects of Integrating Wind Power on Transmission System Planning, Reliability and Operations*, http://www.nyserda.org/publications/wind_integration_report.pdf
- **Rocky Mountains**

National Renewable Energy Laboratory, *Integrating Wind Into Transmission Planning: The Rocky Mountain Area Transmission Study (RMATS)* <http://www.nrel.gov/docs/fy04osti/35969.pdf>

Rocky Mountain Area Transmission Study: <http://psc.state.wy.us/htdocs/subregional/home.htm>
- **Southwest**

Southwest Power Pool Workshop II: Transmission & Wind <http://www.nationalwind.org/events/spp/02/default.htm>

- **Upper Midwest**

Minnesota Public Utilities Commission, Wind Integration Study

http://www.puc.state.mn.us/docs/windrpt_vol 1.pdf

http://www.puc.state.mn.us/docs/windrpt_vol 2.pdf

National Wind Coordinating Collaborative, Transmission Planning in the Upper Midwest

VI – see generally

<http://www.nationalwind.org/events/transmission/midwest/2006/default.htm>

See generally website of Wind on the Wires <http://www.windonthewires.org/>

- **Texas**

Texas State Energy Conservation Office, Wind Energy Transmission

http://www.seco.cpa.state.tx.us/re_wind-transmission.htm

Public Utilities Commission of Texas, Transmission Rulemaking for Renewable

Resources <http://www.puc.state.tx.us/rules/rulemake/31852/31852.cfm>

- **West**

Blakeway, Darrell. “Tehachapi Wind Power Setback Has Tehachapi Wind Power Setback Has Nationwide Implications,” *Natural Gas & Electricity Journal*, September 2005, available at <http://www.whole-earth-energy.com/id3.html>.

California Independent System Operator, Petition for a Declaratory Order filed at FERC in January 2007 to establish a new category of interconnection for multi-user resource trunklines <http://www.caiso.com/1b71/1b71d1263dad0.pdf>

California Energy Commission, *Intermittent Wind Generation: Summary Report of Impacts on Grid System Operations*. <http://www.energy.ca.gov/reports/CEC-500-2004-091.PDF>

National Wind Coordinating Collaborative, Western Transmission Workshop IV – see generally <http://www.nationalwind.org/events/transmission/western/2006/default.htm>

- **International**

United Kingdom, Office of Gas and Electricity Markets, *Transmission Investment for Renewable Energy – Final Proposals*

http://www.ofgem.gov.uk/temp/ofgem/cache/cmsattach/9631_28804.pdf

IV. WEBSITES

American Wind Energy Association: <http://www.awea.org/>

California Energy Commission, Wind Energy in California

<http://www.energy.ca.gov/wind/index.html>

Interstate Renewable Energy Council, Small Wind
<http://www.irecusa.org/smallwindenergy/index.html>

National Renewable Energy Laboratories, Wind: <http://www.nrel.gov/wind/>

National Wind Coordinating Collaborative: <http://www.nationalwind.org/>

Texas State Energy Conservation Office, Texas Wind Energy
http://www.seco.cpa.state.tx.us/re_wind.htm

Windustry: <http://www.windustry.org/about/default.htm>

Western Resource Advocates: <http://westernresourceadvocates.org/greenpower/landowners/>

Utility Wind Integration Group: <http://www.uwig.org/>

U.S. Department of Energy, Energy Efficiency and Renewable Energy, Wind & Hydropower
Technologies Program <http://www.eere.energy.gov/windandhydro/windpoweringamerica/>