

Montana EQC
Energy Policy Sub-Committee
Overview of New Renewable
Resources in the Pacific Northwest

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Northwest Wind Projects

- Six Commercial Projects serving the NW
- Over two dozen utilities and an Aluminum Co. purchasing Wind Power
- Over 470 MW of capacity installed in 3 states
- Fourfold increase from 2000
- 50 MW in construction now
- Nine projects are in the permitting process, totaling 1,130 MW



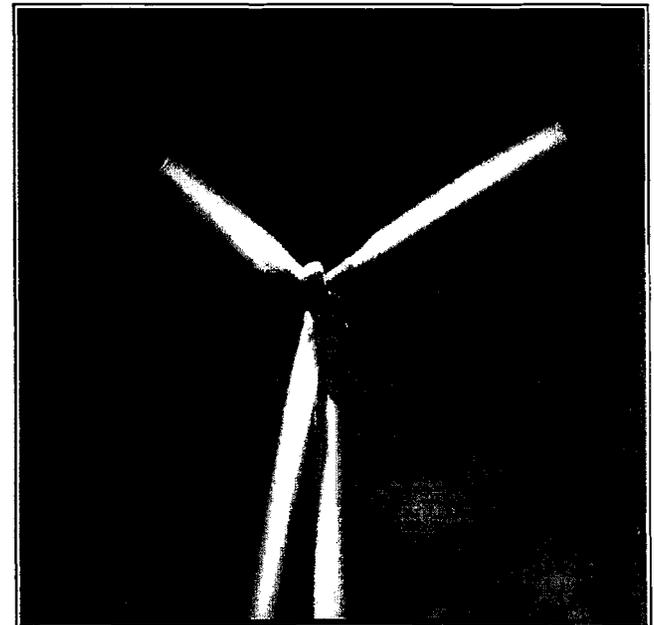
Montana Wind

- Most Potential in the Northwest
- Underdeveloped Resource
- Development to date has been smaller-scale
- USBC funded:
 - * 9 small-scale installations
 - * share of Blackfeet Project
 - * wind-irrigation program
- 150 MW proposed by MPC
 - * competitive price
 - * utility-scale
 - * establishes a meaningful base



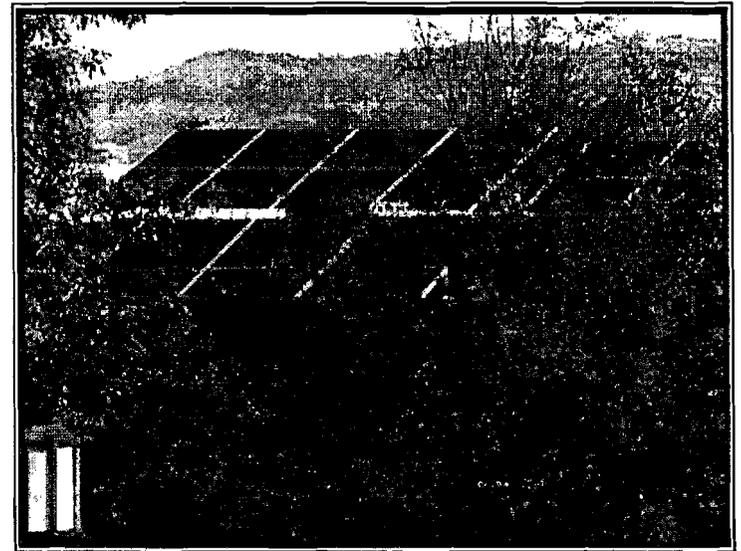
Value of Wind Power

- Price Stability & Resource Diversity
- Pollution-free Power
- Rural Economic Development
- The 6 Wind Projects Provide:
 - \$4.5 million/year, local taxes
 - \$1.2 million/year, payments
to landowners
 - 45-50 operations jobs



Other Efforts

- Community Solar Projects: OR and WA
- Hanford Solar: 40 KW
- Oregon Tax Incentives
300 systems in 2000
- Western Sun Solar Buying
Cooperative
- Last Mile Cooperative, WA
 - * 19 utilities
 - * joint wind development
 - * landowner assistance
 - * technical help for small systems



Montana USBC

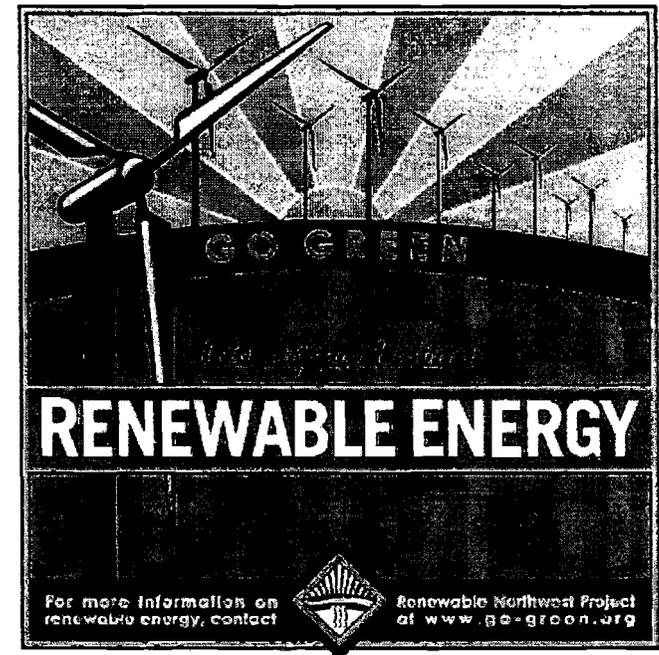
- Significant Activities with Focus on Solar and Wind
- Successful Large-scale Wind RFP (Blackfeet Project)
- Small-scale Demonstration Projects
- Technical Support & Education
- Solar Systems:
 - 46 Residential
 - 17 Schools
 - 8 Agricultural
 - 6 Commercial
- Nine Wind Systems
- Wind and Irrigation Program



NW Green Power Market

- At least 20 utilities offer green power
- More than 18,500 customers participate
- Retail sales are over 47 million kWh

- Sources: Landfill Gas, Endorsed Hydro, Wind & Solar
- Growing rapidly but still relatively small
- Not a substitute for Utility acquisition



Conclusions



Renewable Northwest Project

- Significant Regional Activity
 - Key Players, Competitive Prices
 - Growing Number of Wind Companies
- Economic Development Benefits Being Realized
- Price Stability and Diversity are Being Valued
- Green Power Market is not large enough yet to support significant wind development on its own
- Montana's USBC is highly effective
- Wind Development Will Continue to Lag in Montana until MPC can break the ice