

Advancing Wind Power in Illinois Conference 2011

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U.S. Department of Energy

Overview of the U.S. Department of Energy Plenary Session

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Energy Effciency & Renewable Energy				
Office of EERE Recovery Act Funding				
	Office of Energy Efficiency & Renewable Energy	Recovery Act (\$ Millions)		
\bigvee	EERE Directed Funding	\$14,300		
	Energy Efficiency & Conservation Block Grants	\$3,200		
	State Energy Program	\$3,100	>	
	Weatherization Assistance Program	\$5,000		
	Energy Star Rebates	\$300		
	Transportation Electrification	\$400		
	Clean Cities Alternative Fuels Pilot Program	\$300		
	Advanced Battery & Hybrid Components Manufacturing	\$2,000		
	EERE Discretionary RD&D	\$2,500		
	Technology RD&D	\$1,300		
	Biomass	\$800		
	Geothermal Technologies	\$400		
6	EERE Subtotal	\$16,800		
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Energy Efficiency & Renergy Efficiency & Renergy			
Recovery Act Funding: Wind and Water Power Program			
 Wind 1 – Wind Turbine Drivetrain Testing 	\$45M		
 Wind 2 – NWTC Drivetrain Testing Facility Upgrade \$10M 			
• Wind 3 – Large Blade Test Facility	\$25M		
• Wind 4 – Wind Universities R&D Centers	\$24M		
<u>Wind 5 - Wind Energy Technology Partnerships</u>	\$14M		
Wind Total	\$118M		
• Water 1 – Under 50 MW Hydroelectric Upgrades	\$7M		
• Water 2 – Greater than 50 MW Hydroelectric			
Modernization Program	\$25M		
Water Total	\$32M		
Program Total	\$150M		
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• Conventional Hydro FOA



SummaryRecovery Act Funding/Results Two new state-of-the-art wind testing facilities being completed Seven Hydro modernization projects underway 27 wind R&D projects Three University Consortia projects underway Wind and Water Power Program Emphasis Expanded industry competitive Funding Opportunities Offshore Wind Water Program Outlook for Future Program Funding