

Advancing Wind Power in Illinois Conference 2011

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Transmission Expansion for Wind Energy Breakout Session

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MISO Planning Objectives									
Fundamental Goal	The development of a comprehensive expansion plan that meets reliability needs, policy needs, and economic needs								
MISO Board of Director Planning Principles*	 Make the benefits of an economically efficient energy market available to customers by providing access to the lowest electric energy costs Provide a transmission infrastructure that safeguards local and regional reliability and supports interconnection-wide reliability Support state and federal energy policy objectives by planning for access to a changing resource mix Provide an appropriate cost mechanism that ensures the realization of benefits over time is commensurate with the allocation of costs Develop transmission system scenario models and make them available to state and federal energy policy makers to provide context and inform the choices they face 								
	as modified and approved by MISO Board of Directors System Planning Committee 3 6/2011; pending full board approval								





Allocation Category	Driver(s)	Allocation to Beneficiaries				
Participant Funded ("Other")	Transmission Owner identified project that does not qualify for other cost allocation mechanisms.	Paid by requestor (local zone)				
Generator Interconnection Project	Interconnection Request	Paid for by requestor; 345 kV and above 10% postage stamp to load				
Market Efficiency Project ¹	Reduce market congestion when benefits are 1.2 to 3 times in excess of cost	hen Distribute to planning regions commensura with expected benefit; 345 kV and above 20% postage stamp to load				
Baseline Reliability Project	NERC Reliability Criteria	Primarily shared locally through Line Outage Distribution Factor Methodology; 345 kV and above 20% postage stamp to load				
Multi Value Project	Address energy policy laws, economic and/or reliability and provide widespread benefits across footprint	100% postage stamp to load				

Queue Process Overview First ready, first served process												
Pre-Queue Milestones Process Education Concept Application Application Image: Concept Review Image: Concept Review Image: Concept Review Image: Concept Revi												
Ref	Description	Refund	< 6 MW	≥ 6 but ≤ 20 MW	> 20 but ≤ 50 MW	> 50 but ≤ 100 MW	> 100 but ≤ 200 MW	> 200 but ≤ 500 MW	> 500 but < 1000 MW	≥ 1000 MW		
D1	Application Fee/FeS*	No	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000		
D2	Fund System Impact Study	Yes	\$10,000	\$20,000	\$30,000	\$60,000	\$60,000	\$60,000	\$90,000	\$120,000		
D3	Fund DPP and Restudies	Partial	\$40,000	\$100,000	\$150,000	\$210,000	\$260,000	\$360,000	\$440,000	\$520,000		
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