

FERC
JANUARY 21, 2003
Technical Conference

Donald P. Jones
Director, Transmission Asset Management
Xcel Energy Services Inc.

MISO QUEUE IMPACTS ON NSP SYSTEM

- 33 Interconnection Requests
- 8155 Total MW Involved
- 1080 MW of Wind Generation
- Nearly all Wind in same Geographic Area
- Most vying for selection in NSP 1000 MW all source bidding process arising from state-mandated Integrated Resource Plan
- Queue bears almost no relation to generators likely to be constructed.

SPP QUEUE IMPACTS ON SPS SYSTEM

- 15 Interconnection Requests
- 5760 Total MW Involved
- 5360 MW of Wind Generation
- SPS Control Area Peak Load = 4214 MW
- Estimated Market for Wind Generation = 1000 MW
- 92% of Wind Requests in same Geographic Area
- Queue bears almost no relation to generators likely to be constructed

SUGGESTION

Might we handle:

- Queue
- System Studies
- Cost Allocation

Separately?