Attachment 1 - Proposed Locations and Amounts of Wind Generation to Study in Michigan's Lower Peninsula (LP)

Base (No Scaling Factors)

County/Area*	#MW in MISO Queue by County/Area	% of MW Wind Interconnection Requests in MISO Queue by County/Area (LP Only)	Low (MW) 1,500	Medium (MW) 3,000	High (MW) 4,500
Charlevoix	120	4.8%	72	144	216
Mason	220	8.8%	132	265	397
Osceola	270	10.8%	162	325	487
Oceana	140	5.6%	84	168	253
Muskegon1	100	4.0%	60	120	180
Muskegon2	120	4.8%	72	144	216
GR North	300	12.0%	180	361	541
Gratiot	300	12.0%	180	361	541
Midland	320	12.8%	192	385	577
Hillsdale	300	12.0%	180	361	541
Thumb	305	12.2%	183	367	550
Totals	**2,495**	**100%**	**1,500**	**3,000**	**4,500**

Alternative: Adjusted MW Amounts Using Proposed Scaling Factors

County/Area*	MW by County/Area w/ Proposed Scaling Factors	% of MW by County/Area w/ Proposed Scaling Factors	Low (MW) 1,500	Medium (MW) 3,000	High (MW) 4,500
Charlevoix	90	3.6%	54	108	162
Mason	165	6.6%	99	198	298
Osceola	202.5	8.1%	122	243	365
Oceana	140	5.6%	84	168	253
Muskegon1	100	4.0%	60	120	180
Muskegon2	120	4.8%	72	144	216
GR North	225	9.0%	135	271	406
Gratiot	225	9.0%	135	271	406
Midland	240	9.6%	144	289	433
Hillsdale	225	9.0%	135	271	406
Thumb	762.5	30.6%	458	917	1375
Totals	**2,495**	**100%**	**1,500**	**3,000**	**4,500**

	Proposed Scaling Factors for MI-WETS	Queued MW
Charlevoix	0.75	120
Mason	0.75	220
Osceola	0.75	270
Oceana	1	140
Muskegon1	1	100
Muskegon2	1	120
GR North	0.75	300
Gratiot	0.75	300
Midland	0.75	320
Hillsdale	0.75	300
Thumb	2.5	305

* As of March 2008. Information on interconnection requests in the MISO queue is available at www.midwestmarket.org (select "Planning" | "Generation Interconnection" | "Midwest ISO Generator Interconnection Queue - Without Withdrawn Projects"). For purposes of the MI-WETS, some interconnection requests in the MISO queue were aggregated or grouped based points of interconnection rather than the county listing on MISO's website. For example, the same interconnection point (a 120 kV substation in the area) is used for modeling several interconnection requests in the Cadillac area (Missaukee, Wexford County, and Osceola Counties).

Geographic Distribution of Wind Capacity (MW) under High / Renewable Scenarios

-- MI-WETS and MISO Studies

Region	MI-WETS (no scaling)	MI-WETS w/ Proposed Scaling	MTEP 08	MTEP 09 / JCSP	ITC 765 kV Project - Renewable Case
UP	502	502	300	1067	**520**
Thumb	550	1375	1800	2103	612
West	2074	1718	1800	935	2410
North / Northeast*	216	162	900	481	120
Mid-Michigan**	1118	839	0	519	620
South (Hillsdale)	541	406	0	76	300
Total MW	**5002**	**5002**	**4800**	**5181**	**4582**

*Includes Cheboygan, Allegan, Charlevoix, and Grand Traverse Counties.
** Includes Gratiot, Saginaw, Midland area.