MALCOLM PIRNIE

Summary of the Kandiyohi and Meeker Counties Wind Ordinances

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APPENDIX

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Resource	Kandiyohi County[1]	Meeker County
Non-participating Property Lines	Fall zone plus 3 m (10 ft) or 1.1 times the total ht[2]	3 RD on east-west axis and 5 RD on north-south axis[3]
Occupied Residential Dwellings	229 m (750 ft)	1 times the total ht + 3 m (10 ft)[4]; 305 m (1,000 ft)[5] and/or sufficient distance to meet state noise standards (whichever is greater)
Rights-of-Way	Fall zone plus 3 m (10 ft) or 1.1 times the total ht[2]	1 times the total ht + 3 m (10 ft)
Public Conservation Lands	183 m (600 ft)[6]	3 RD on east-west axis, and 5 RD on north-south axis[3]
Wetlands, Streams and Ditches	Avoid wetlands and waters; 183 m (600 ft) from PWI wetlands, 30 m (100 ft) from tributary streams	3 RD on east-west axis and 5 RD on north-south axis[3,7]; 30 m (100 ft) from tributary streams
Existing WECS	Project specific setbacks[8]	3 RD on east-west axis and 5 RD on north-south axis[3]
Internal Turbine Spacing	No setback required	No setback required
Parks	183 m (600 ft)[9]	No setback required
State Trails	183 m (600 ft)	No setback required
Significant Historic Sites	No setback required	No setback required
Native Prairies	No setback required	Turbines cannot be placed in native prairies unless approved in the native prairie protection plan
Sand & Gravel Operations	No setback required	Turbines cannot be placed in active sand and gravel operations
Aviation	No setback required	Structures cannot create an obstruction to navigable airspace or public and private airports in Meeker County

[1] Kandiyohi County ordinance applies only to Small Wind Energy Conversion Systems (SWECS) that are smaller than 5 MW in nameplate capacity
[2] 1.1 times the total ht for Repower 2.05 MM92 turbine is 161 m (528 ft)
[3] 3 RD for Repower 2.05 MM92 turbine is 278 m (910 ft); 5RD for Repower 2.05 MM92 turbine is 463 m (1,517 ft)
[4] Distance for owner occupied dwellings
[5] Distance for non-owner occupied dwellings
[6] Public conservation lands do not include private lands upon which conservation easements have been sold to public agencies or non-profit conservation organizations.
[7] Meeker County wetlands Circ39 types 3,4 and 5 which are greater than 5 acres in size
[8] To be considered based on size of the existing and proposed WECS, alignment relative to the predominant winds, topography, wake interference on existing WECS, and other setbacks required.
[9] Includes State parks