

Wind Turbine Setback Comparisons

(Based on the projected tip to ground height of 590 ' - 640'; Rotor Diameter 500' - 550')

	Century Code Required Minimum	Current Eddy County	Adams County	Barnes County	Burleigh County	Logan County	Morton County	Mountrail County	Pierce County	Stutsman County
<u>Distance from property line of non-participating landowner</u>	649' - 704'				885' - 960'			2,640'	200'	1,000' - 1,100'
Century Code Minimum: 1 1/10th times the height of the turbine					1.5 times the height of turbine					2 times the rotor diameter between the host property and any property that adjoins the host property
<u>Distance from inhabited rural residence of non-participating landowner</u>	1,770' - 1,920'	1,400'	2,640'	2,640'	1,750' greater of 750' or 738' - 800'	greater of 1,320' or 738' - 800'	2,640'	750'		2,500' - 2,750'
Century Code Minimum: 3 times the height of the turbine					1.25 times the turbine height	1.25 times the turbine height				5 times the rotor diameter from any <u>occupied</u> structure 649' - 704' 1.1 times the turbine height from any <u>unoccupied</u> structure
<u>Blade Ground Clearance</u>		75'	75'	75'	75'	75'	70'	75'		75'
<u>Wind Turbine Perimeter Setback</u>		1,250' - 1,375'	1,250' - 1,375'		1,250' - 1,375'	885' - 960'	1.5 times the height of turbine			
<u>Noise Setbacks</u>	> 45 dBA				>45 dBA		>45 dBA	>50 dBA		>50 dBA
Century Code Minimum: Levels with 100' of an inhabited building must be below								nearest property line		nearest occupied structure