

KITTITAS COUNTY

Potential Wind Power

Wind Power Class	Resource Potential	Wind Power Density at 50m W/m ²	Wind Speed at 50m m/s	Wind Speed at 50m mph
1	None	0	0	0
2	Marginal	200-300	5.6-6.4	12.5-14.3
3	Fair	300-400	6.4-7.0	14.3-15.7
4	Good	400-500	7.0-7.5	15.7-16.8
5	Excellent	500-600	7.5-8.0	16.8-17.9
6	Outstanding	600-800	8.0-8.8	17.9-19.7
7	Superb	>800	>8.8	>19.7

This GIS data was developed by the National Renewable Energy Laboratory (NREL), which is operated by the Alliance for Sustainable Energy, LLC for the U.S. Department of Energy (DOE). Wind power resource estimates were produced by TrueWind Solutions using their MesosMap system and historical weather data under contract to Wind Powering America/NREL. This data has been validated with available surface data by NREL and wind energy meteorological consultants.
 US Department of Energy and National Renewable Energy Laboratory

