



Pondera County Montana

Wind Power Potential

With Transmission Lines

Map 12

This map shows estimated wind power distribution of Pondera County, Montana and transmission lines. Each 400 meter pixel represents the average power of the wind in watts-per-square meter at an elevation of 50 meters above the ground. The wind power resource estimates were produced by TrueWind Solutions using their Mesomap system and historical weather data. The estimates tend to be more accurate for the plains than for mountainous areas.

Information on power lines and MATL provided by: Montana Department of Environmental Quality - Major Facility Siting Program.

Additional spatial data (base maps) were obtained from the Montana Geographic Information Clearinghouse - Montana Natural Resource Information System (NRIS).

Map Prepared by Global Position, LLC in September, 2010, as part of the Pondera County Growth Policy Plan.

Prepared by: Canyon Conference Center, Great Falls, Montana, 2010. (Source: Global Position, LLC)

Legend

RESOURCE POTENTIAL	WIND SPEED AT 50M	POWER LINES AND OTHER MAP FEATURES
	Superb >19.7 (mph)	115 kV Line
	Outstanding 17.9 - 19.7 (mph)	230 kV Line
	Excellent 16.8 - 17.9 (mph)	Montana Alberta Tie Approved Location
	Good 15.7 - 16.8 (mph)	County Line
	Fair 14.3 - 15.7 (mph)	Road
	Marginal Less than 14.3 (mph)	

September 2010