Douglas County PUD Wind Energy Resources

Overlay: Public Land Survey System Grid

The wind resource estimates presented on this map were developed by TrueWind Solutions using MesoMap, a mesoscale atmospheric simulation system, at a spatial grid resolution of 400 meters (one-quarter mile). The estimates have been validated by the National Renewable Energy Laboratory (NREL) and independent meteorologists but should be confirmed by direct measurement according to wind energy industry standards.

NESPELEM VALLEY ELECTRIC

DOUGLAS CO. PUD #1

INLAND POWER & LIGHT CO.

GRANT CO. PUD #2

Wenatchee

East Wenatchee

Ephrata

0 3.75 7.5 15 22.5 30 Miles

Legend

- FCC Towers
- Public Land Survey System Grids
- Utility Service Area Boundaries

Transmission Lines (KW)

- 115
- 138
- 161
- 230
- 345
- 500

Road Classification

- Limited Access Higwhay
- Highway
- Local Roads
- Ramps

Wind Power Class	Resource Potential	Wind Speed at 50 m (mph)
Class 1-	Poor	0 - 9.8
Class 1+	Poor	9.8 - 12.5
Class 2	Marginal	12.5 - 14.3
Class 3	Fair	14.3 - 15.7
Class 4	Good	15.7 - 16.8
Class 5	Excellent	16.8 - 17.9
Class 6	Outstanding	17.9 - 19.7
Class 7	Superb	> 19.7

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