

Wind Power Potential In Uttar Pradesh

- C-WET conducted Wind Resource Assessment based on Meso scale model (Based on circulation of wind pattern in the region) at Sharda – Ghaghra River basin @ 50M & 80M.
- Indicative WPD in the order of 200-250 w/m².
- Wind Potential @50M- 137 MW
- Wind Potential @ 80M- 1260 MW
- Required to carry out on site measurement for a period of min one year at different locations in region, Data validation and Analysis by Developers.

Land Details at Identified Locations @ approx 5km radius(Area in Hect.)

S. No	Location	Govt. Land	Pvt. Land	Forest Land	Gram Samaj	Others	Total Area (Hect)
1	Vill Bijaura	124.91	4509.01	538.41		868.98	6041.32
2	Vill.Nagaria	60.54	4352.85	1305.00		302.32	6020.36
3	Vill.Laxmanpur.1&Laxmanpur.2	63.71	3237.32	2576.00	307.07	140.72	6324.33
4	Vill. Bhader	23.23	4150.86	1703.19	75.81	477.09	6429.99
5	Vill . Guleria	248.66	2490.85	3243.13		283.29	6465.93

Wind Potential Map of Uttar Pradesh



Wind Potential at Sharda – Ghaghra River Basin

