

**List of potential sites vetted by NIWE for Wind Power Projects
in Maharashtra (WPD>200W/m² at 50magl) (As on 31.03.2016)**

Sr. No.	Station	Taluka	District	Latitude ° N			Longitude ° E			Elev. m.a. s.l	Mean Annual Wind speed (m/s) Measured at 20/25/30/50/80/120 m	Mean Annual Wind Power Density W/m ²	
				Deg.	Min.	Sec.	Deg.	Min.	Sec.			Measured at 20/25/30/50/80/120m	Extra polated / Measured at 50m.
1	Alamprabhu Pathar *	Hatkanangale	Kolhapur	16	45	56	74	22	26	790	5.58	164	224
2	Ambheri *	Khatav	Satara	17	35	6.78	74	17	56.56	980	6.39	237	275
3	Aundhwadi*	Sinnar	Nashik	19	45	53.3	73	52	55.8	858	6.58	294	324
4	Brahmanwel *	Sakri	Dhule	21	09	24.83	74	12	19.19	596	6.42	278	324
5	Chakla *	Nandurbar	Nandurbar	21	19	0.14	74	18	59.9	352	6.02	242	323
6	Chalkewadi	Satara	Satara	17	37	25	73	48	41	1185	5.61	206	218
7	Dhalgaon	K' Mahankal	Sangli	17	8	11	74	58	51	805	5.89	216	260
8	Dongarwadi *	Miraj	Sangli	16	53	58.53	74	50	18.30	830	5.94	179	284
9	Gawalwadi	Dindori	Nashik	20	6	5.4	73	45	3.9	750	5.28	140	278
10	Gudepanchgani	Shirala	Sangli	17	6	50	73	58	48	903	5.5	178	296
11	Kankora *	A' bad	Aurangabad	19	58	20	75	26	16	920	5.56	127	204
12	Kas *	Satara	Satara	17	44	22.2	73	48	32.4	1232	5.69	194	277
13	Kavadya Dongar *	Parner	A'nagar	19	00	24.9	74	32	2.0	900	6.44	224	277
14	Khandke	A'Nagar	A' nagar	19	8	00	74	52	31	920	5.44	146	250
15	Kolgaon *	Shrigonda	A' nagar	18	50	2.0	74	42	32	800	5.69	177	238
16	Lonavala	Maval	Pune	18	46	40	73	22	39	580	4.31	122	200
17	ManderDeo *	Wai	Satara	18	01	34.3	73	53	9.4	1286	5.64	153	206
18	Matrewadi *	Patan	Satara	17	11	25	73	55	58	898	5.67	211	253
19	Panchapatta *	Akole	A' nagar	19	43	40	73	53	4.0	1049	5.70	201	236
20	Pachagani	M'shwar	Satara	17	55	39	73	48	45	1318	5.11	133	205
21	Raipur *	Sakri	Dhule	21	2	59	74	22	21	500	5.25	162	214
22	Palsi *	Patan	Satara	17	16	09.8	73	49	48.8	1008	5.24	137	203
23	Sautada*	Patoda	Beed	18	47	52	75	20	14	790	5.68	167	223
24	Takarmauli *	Sakri	Dhule	21	4	40	74	02	48	624	5.78	186	224
25	Thoseghar	Satara	Satara	17	35	33.8	73	53	15	1140	6.03	229	336
26	Vijaydurg	Deogad	Sindhudurg	16	30	02	73	19	59	100	5.44	207	253
27	Vankusawade *	Patan	Satara	17	27	14	73	49	58	1100	5.89	231	293
28	Varekarwadi	Satara	Satara	17	12	27.9	73	59	3.8	920	5.46	204	216
29	Vaspel #	Jat	Sangli	17	6	10.3	75	21	24.4	680	5.62	220	220
30	Bhud *	Khanapur	Sangli	17	20	33.5	74	42	6.8	809	5.48	160	224
31	Rohina *	Chakur	Latur	18	28	59.95	76	56	16.88	662	5.57	149	226
32	Kosegavhan #	Shrigonda	A' nagar	18	43	51.0	74	50	14.0	732	6.31	215	215
33	Mirkala #	Gevrai	Beed	19	11	54.0	75	43	43.0	577	6.09	211	211
34	Devgad #	Devgad	Sindhudurg	16	22	1.63	73	22	20.57	40	5.81	218	218
35	Bhendwade #	Shahuwadi	Kolhapur	17	01	97.3	73	52	89.5	812	5.88	223	223
36	Peth Shivapur #	Bhudargad	Kolhapur	16	15	23.7	74	9	10.1	973	6.44	224	224
37	Nenewadi #	Sawantwadi	Sindhudurg	15	54	49.4	74	00	4.3	784	5.62	205	205
38	Kolde #	Nandurbar	Nandurbar	21	26	44	74	17	23	157	5.89	221	221
39	Mhaismal #	Khultabad	Aurangabad	20	03	36.9	75	10	15.4	862	6.20	201	201
40	Kanur #	Chandgad	Kolhapur	16	1	13.3	74	5	48.9	1021	7.46	368	368
41	Sukalmala #	Gaganbavda	Kolhapur	16	33	4.6	73	49	56.4	619	5.48	225	225
42	Parwattarfe Waghawale #	Mahabaleshwar	Satara	17	45	7.5	73	36	21.9	1173	6.12	281	281
43	Mendhegiri #	Jat	Sangli	16	59	37.6	75	13	21.6	745	6.32	208	208
44	Vhanali #	Kagal	Kolhapur	16	29	28.8	74	13	09.3	728	6.18	203.08	203.08
45	Sanmadi #	Jat	Sangli	17	08	15.7	75	19	36.3	650	5.98	200.46	200.46
46	Jagmin ***	Satara	Satara	17	37	26.0	73	48	54.5	1185	7.42	410	288
47	Isapur **	Pusad	Yavatmal	19	43	56.7	77	27	18.5	439	5.73	246	200
48	Khokade **	Man	Satara	17	48	08.2	74	22	34.1	1046	6.53	239	216
49	Isapur-2 **	Chandgad	Kolhapur	15	50	19.0	74	03	50.6	890	6.60	277	277
50	Hanbarwadi ****	Karvir	Kolhapur	16	35	45.9	74	11	13.7	744	6.50	203	203

Inclusion of Motha Site in the list of potential sites ----- Reg.

51	Motha**	Chikhaldara	Amrawati	21	22	77	21
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Motha :-** As per MNRE / NIWE "on re-examination of the data concerned to Motha it has opined that a few location, which have elevation above 1040 m above sea level (masl) seems to be having wind power density of more than 200 W/m² could be considered for." Those areas having elevation in excess of 1040 masl only need to be considered in the exercise. These areas are mainly encompassed by the villages, Motha – Bibisonda-Shahpur –Chikhaldara-Aldoha-Lawada-Bhimkund as per Annexure -1

Note:- * 25m Mast # 50m Mast ** 80 m mast *** 120m mast ****100m mast

A threshold WPD value of 200 W/m² and above at 50 magl is considered as a potential
Disclaimer:- Efforts have been made to give information correctly. However there could be errors arising due to handling of voluminous data.