

**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.

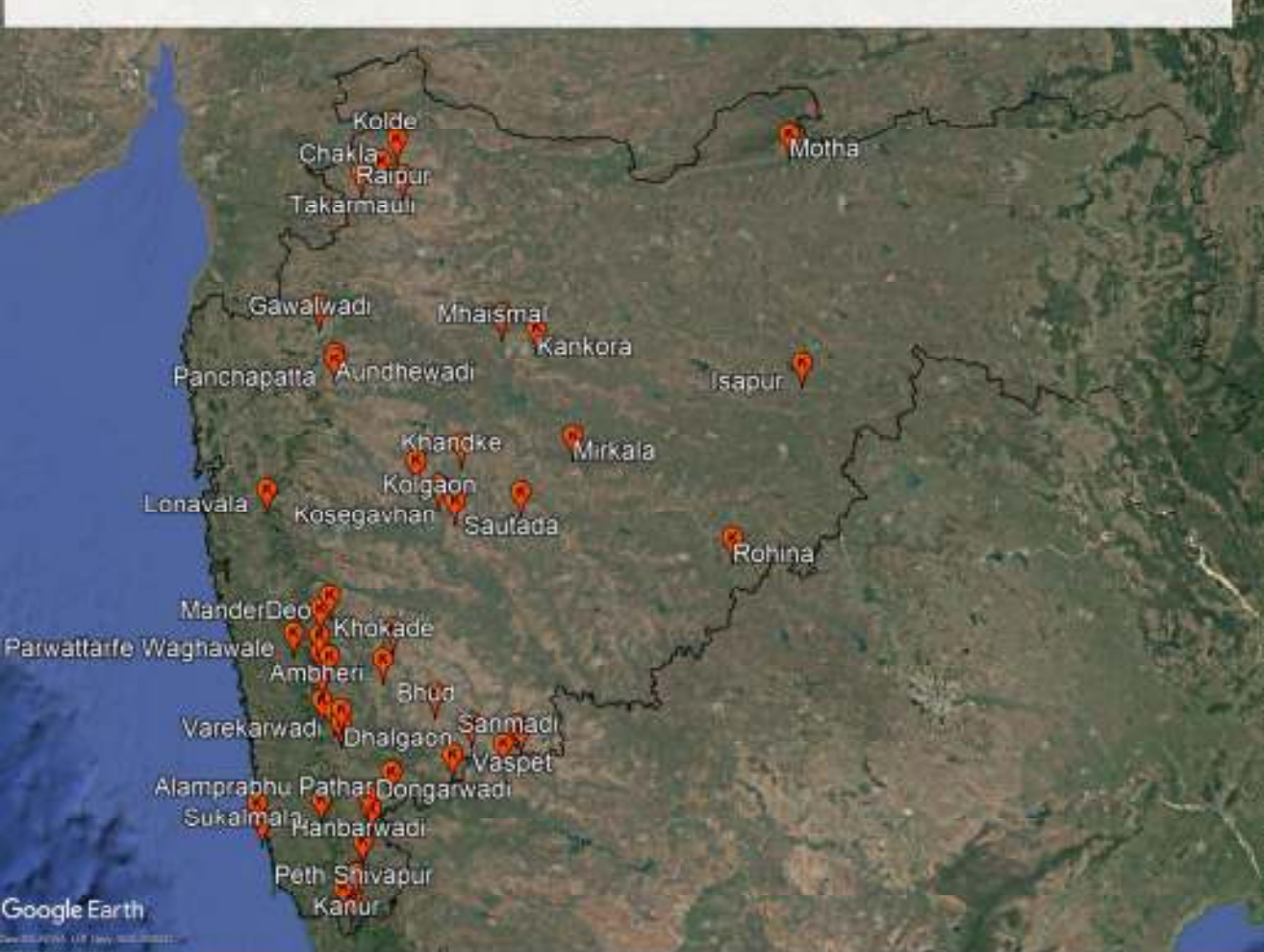
51	Motha**	Chikhaldara	Amrawati	21	22	77	21
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Motha :-** As per MNRE / NIWE "on re-examination of the data concerned to Motha it has opined that a few location, which have elevation above 1040 m above sea level (masl) seems to be having wind power density 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.

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 Name	Taluka	District	Latitude (DDM)	Longitude (DDM)	Elevation (m)	Three Second Wind Speed (m/s) - Measured at 201200 MSL/120m	Mean Annual Wind Power Density (W/m ²) - Measured at 201200 MSL/120m	Mean Annual Wind Power Density (W/m ²) - Extrapolated - Measured at 50m
1	Alampatti Peth	Dahanu	Karnata	19°47'31"	72°52'58"	196	3.58	104	224
2	Ambari	Khory	Satara	17°55'36"	74°17'56.50"	986	6.58	217	273
3	Ambarwad	Waran	Nashik	19°45'53.3"	73°52'51.8"	459	6.58	206	224
4	Budhewadi	Sabri	Dhule	21°534.83"	74°12'18.19"	196	6.42	278	224
5	Chakla	Wardha	Wardha	17°05'14"	74°18'58"	112	6.02	242	222
6	Chakrawati	Satara	Satara	17°07'27"	73°44'31"	1181	5.81	209	219
7	Dhulegaon	K. Vaidkya	Sangli	17°01'17"	74°16'51"	882	5.89	216	248
8	Dongarwad	Mird	Sangli	18°37'16.53"	74°58'14.17"	458	5.94	179	244
9	Dongarwad	Dandri	Nashik	20°21.47"	73°47'1.9"	758	5.28	140	278
10	Dudhgaon	Waran	Sangli	17°07'37"	73°54'46"	982	5.5	176	286
11	Kakori	Waranjaval	Waranjaval	19°58'26"	73°50'16"	929	5.58	127	284
12	Kar	Savay	Savay	17°44'52.2"	73°48'52.47"	252	5.44	194	277
13	Karadi Dargah	Pune	Ahmednagar	18°024.87"	74°32'24"	989	6.44	224	271
14	Khandke	Ahmednagar	Ahmednagar	18°08'	74°12'51"	926	5.84	141	228
15	Khopur	Belgaon	Ahmednagar	18°08'	74°12'51"	888	5.89	177	228
16	Lumbar	Mara	Pune	18°48'40"	73°12'58"	784	4.51	122	286
17	Mandhara	Wai	Satara	18°14.77"	73°39'8.47"	1286	6.44	155	286
18	Masurwad	Pune	Savay	17°12'51"	73°55'58"	898	6.87	211	282
19	Masurwad	Ahli	Ahmednagar	18°48'40"	73°12'58"	888	5.28	203	228
20	Parbhani	Mahabaleshwar	Satara	17°07'29"	73°44'31"	1214	5.13	155	282
21	Peth	Sabri	Dhule	21°52'59"	74°12'18.19"	196	5.21	162	214
22	Peth	Pune	Satara	17°16'18"	73°48'48"	1088	5.24	127	282
23	Sevati	Pune	Beed	18°47'51"	73°50'1.47"	796	5.89	167	222
24	Takarnauli	Sabri	Dhule	21°54'48"	74°18'48"	624	6.78	188	224
25	Thangar	Satara	Satara	17°12'51"	73°55'18"	1146	6.02	229	228
26	Vijaynagar	Dargad	Wardha	18°30'7"	73°18'18"	188	6.44	202	222
27	Wadgaon	Pune	Satara	17°12'51"	73°48'58"	1188	6.89	211	282
28	Wadgaon	Satara	Satara	17°12'51"	73°55'18"	928	5.88	204	218
29	Wadgaon	Wai	Sangli	17°07'29"	73°22'24"	888	5.87	229	228
30	Wadgaon	Khopur	Sangli	17°00'5.47"	74°26'47"	898	5.48	169	224
31	Wadgaon	Chakri	Lata	18°38'19.81"	73°56'16.82"	582	5.51	149	228
32	Wadgaon	Belgaon	Ahmednagar	18°08'11"	74°50'1.47"	722	6.51	215	222
33	Wadgaon	Dargad	Beed	18°12'51"	73°48'58"	1272	6.89	211	222
34	Wadgaon	Dargad	Wardha	18°31'18"	73°12'58"	48	6.88	218	222
35	Wadgaon	Wardha	Wardha	17°07'29"	73°48'58"	412	6.88	222	222
36	Wadgaon	Wardha	Wardha	17°07'29"	73°48'58"	922	6.88	224	224
37	Wadgaon	Wardha	Wardha	17°07'29"	73°48'58"	784	5.82	205	228
38	Wadgaon	Wardha	Wardha	17°07'29"	73°48'58"	127	5.89	222	222
39	Wadgaon	Wardha	Wardha	17°07'29"	73°48'58"	882	6.28	204	282
40	Wadgaon	Wardha	Wardha	17°07'29"	73°48'58"	102	5.88	208	288
41	Wadgaon	Wardha	Wardha	17°07'29"	73°48'58"	114	6.88	205	222
42	Wadgaon	Wardha	Wardha	17°07'29"	73°48'58"	1172	6.12	202	282
43	Wadgaon	Wardha	Wardha	17°07'29"	73°48'58"	782	6.22	208	284
44	Wadgaon	Wardha	Wardha	17°07'29"	73°48'58"	728	6.18	202	282
45	Wadgaon	Wardha	Wardha	17°07'29"	73°48'58"	658	5.98	208	282
46	Wadgaon	Wardha	Wardha	17°07'29"	73°48'58"	1182	5.42	142	288
47	Wadgaon	Wardha	Wardha	17°07'29"	73°48'58"	428	5.72	248	288
48	Wadgaon	Wardha	Wardha	17°07'29"	73°48'58"	1188	6.88	228	228
49	Wadgaon	Wardha	Wardha	17°07'29"	73°48'58"	888	6.88	227	227
50	Wadgaon	Wardha	Wardha	17°07'29"	73°48'58"	744	6.88	205	282