

TAMIL NADU ENERGY DEVELOPMENT AGENCY

LIST OF WIND MONITORING STATIONS INSTALLED IN TAMIL NADU

Sl. No.	District	Latitude °N		Longitude °E		Annual Mean Wind Speed (kmph)		Annual Mean Wind Power Density (W/m ²)		Selected / Not Selected (NS)
	Station					Measured at 20/25 m	Extrapolated at 30 m	Measured at 20/25	Extrapolated at 30 m	
I.	Coimbatore District									
1.	Poolavadi	10	44	77	16	21.20	23.00	283	343	Selected
2.	Sultanpet	10	52	77	11	19.00	19.10	203	204	Selected
3.	Mettukadai	10	52	77	23	18.00	19.20	184	221	Selected
4.	Arasampalayam	10	51	77	03	20.50	21.80	195	232	Selected
5.	Edayarpalayam	10	55	77	07	22.40	23.80	273	323	Selected
6.	Pongalur	10	58	77	21	19.10	20.40	213	251	Selected
7.	Poosaripatti	10	41	77	08	19.30	20.00	168	188	Selected
8.	Kethanur (P)	10	54	77	13	21.10	22.30	259	305	Selected
9.	Myvadi	10	36	77	19	19.60	21.00	251	305	Selected
10.	Anthiyur	10	36	77	11	19.10	20.60	177	213	Selected
11.	Thaneerpandal	10	57	77	19	18.20	21.00	216	330	Selected
12.	Karamadai	11	11	76	58	9.00	-	32	-	N.S*
II	Theni District									
13.	Andipatti	09	59	77	35	19.60	19.60	266	298	Selected
14.	T.Meenakshipuram	09	52	77	18	16.40	17.50	224	267	Selected
III	Kanyakumari District									
15.	Muppandal	08	16	77	33	25.50	27.60	406	519	Selected
16.	Senbagaramanpudur	08	16	77	31	21.70	23.00	300	367	Selected
17.	Kathadimalai	08	14	77	33	23.70	25.30	312	380	Selected
18.	Muttam	08	08	77	19	17.1	-	116	234	Selected
19.	Muppandal (P) Re-established	08	16	77	33	25.50	27.60	406	519	Selected
IV	Thoothukudi District									
20.	Kayathar (P.Kulam) II	08	58	77	44	20.30	21.50	294	342	Selected
21.	Thoothukudi	08	50	78	08	17.60	19.00	148	185	Selected
22.	Ottapidaram	08	54	78	01	18.50	20.00	221	280	Selected

Sl. No.	District	Latitude °N		Longitude °E		Annual Mean Wind Speed (kmph)		Annual Mean Wind Power Density (W/m ²)		Selected / Not Selected (NS)
	Station					Measured at 20/25 m	Extrapolated at 30 m	Measured at 20/25	Extrapolated at 30 m	
23.	Onamkulam	08	58	77	51	19.90	20.30	247	258	Selected
24.	Kayathar (Ayyanaruthu) II	08	57	77	43	20.50	20.90	285	302	Selected
25.	Vagaikulam	08	45	78	0	16.60	17.90	167	201	Selected
V	Ramanathapuram District									
26.	Ramaswaram	09	17	79	20	23.90	26.40	290	398	Selected

* Note : MNRE has not provided the collected data for sites not selected as suitable for setting up wind power projects

VI	Karur District									
27.	Mylampatti	10	44	78	16	17.06	-	145	177	N.S
28.	Kalugar	10	23	78	47	12.82	-	087	-	N.S
VII	Pudukottai District									
29.	Killukottai	10	39	78	56	13.61	-	76	149	N.S
30.	Viralimalai	10	36	78	32	11.77	-	49	85	N.S
31.	Gandharvakottai	10	32	79	01	11.74	-	42	70	N.S
32.	Kayinankarai	10	41	78	44	18.11	-	--	132	N.S
VIII	Tirunelveli District									
33.	Puliankulam	08	19	77	44	18.90	20.80	188	245	Selected
34.	Thalaiyuthu	08	48	77	39	20.50	21.50	324	364	Selected
35.	A.Pandiyapuram	08	56	77	39	20.90	22.30	301	371	Selected
36.	Servalarhills	08	42	77	21	17.80	18.90	207	247	Selected
37.	Ayakudi	09	0	77	21	21.40	23.50	305	390	Selected
38.	Naduvakurichi	09	07	77	30	16.80	18.00	157	190	Selected
39.	Marugalkurichi	08	31	77	40	14.4	-	97	144	N.S
40.	Thoopakudi	08	46	77	27	11.59	-	78	87	N.S
41.	Kumarapuram	08	16	77	35	22.00	22.70	288	315	Selected
42.	Nettur	08	54	77	33	19.90	20.20	338	358	Selected
43.	Shankaneri	08	12	77	40	22.60	23.40	258	287	Selected
44.	Kannankulam	08	10	77	46	21.30	22.20	238	268	Selected
45.	Gangaikondan	08	51	77	35	18.40	19.00	246	267	Selected
46.	Overi	08	18	77	53	18.20	19.20	246	267	Selected
47.	Mangalapuram	09	03	77	22	22.30	23.40	312	357	Selected

Sl. No.	District	Latitude °N		Longitude °E		Annual Mean Wind Speed (kmph)		Annual Mean Wind Power Density (W/m ²)		Selected / Not Selected (NS)
	Station					Measured at 20/25 m	Extrapolated at 30 m	Measured at 20/25	Extrapolated at 30 m	
48.	Achankundam	08	57	77	28	18.60	20.00	270	335	Selected
49.	Panakudi	08	19	77	33	22.90	23.90	366	408	Selected
50.	Vinayagapuram	08	21	77	37	15.91	-	114	194	N.S
51.	Athankaraipallivasal	08	18	77	53	18.00	-	163	-	N.S
52.	Kuttam	08	19	79	57	16.92	-	136	-	N.S
53.	Athukurichi	08	15	77	46	19.44	-	183	-	N.S
54.	Thanakkankulam	-	-	-	-	-	-	-	-	N.S
55.	Petharangapuram	-	-	-	-	-	-	-	-	N.S
56.	Kadayanallur	-	-	-	-	20.52	-	266.4	-	N.S
IX	Nagapattinam District									
57.	Poombuhar	11	08	79	51	17.21	-	121	149	N.S
58.	Vedaranyam	10	21	79	51	13.61	-	83	192	N.S
59.	Agasthianpalli	10	21	79	51	20.74	-	--	155.9	N.S
X	Tiruvallur District									
60.	Ennore	13	16	80	19	19.30	20.80	139	177	Selected
XI	Dindigul District									
61.	Pushpathur	10	33	77	25	16.09	17.11	128	151	Selected
XIII	Erode District									
62.	Dharapuram	10	44	77	28	18.00	-	197	-	N.S
63.	Kullapalayam	10	47	77	31	16.56	-	163	-	N.S
64.	Thalavadi	11	47	77	01	-	-	-	-	N.S
XIV	Dharmapuri District									
65.	Uthankarai	12	15	78	33	11.59	-	50	88	N.S
66.	Nallampalli	12	03	78	06	11.81	-	40	84	N.S
XV	Salem District									
67.	Karumanthurai	11	50	78	37	10.58	-	33	61	N.S
XVI	The Nilgiris District									
68.	Emerald	11	20	76	38	12.60	-	10.3	113	N.S
XVII	Virudhunagar District									
69.	Thailpatti	09	22	77	48	10.80	-	40	65	N.S

