

TAMIL NADU ENERGY DEVELOPMENT AGENCY

**List of Potential sites for Wind power projects in Tamil Nadu  
(WPD> 200 W/M<sup>2</sup> at 50 m)**

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S.No	Station	Latitude		Longitude		Elevation	Annual Mean Annual Wind speed (kmph)	Annual mean wind power density w/m <sup>2</sup>	
		Districtwise	Deg.	Min.	Deg.		Min.	Measured at 20/25m	Measured at 20/25m
Potential Exploited areas									
COIMBATORE									
1	Andiyur	10	36	77	11	380	19.10	177	271
2	Arasambalayam	10	51	77	3	370	20.50	195	291
3	Edayarpalayam	10	55	77	7	445	22.40	273	398
4	Kethanur	10	54	77	13	403	21.10	250	376
5	Myvadi	10	36	77	19	341	19.60	251	376
6	Poolavadi	10	44	77	17	321	21.20	283	445
7	Pongalur	10	58	77	21	388	19.10	213	309
8	Poosaripatti	10	40	77	7	380	19.30	168	254
9	Sultanpet	10	52	77	11	380	19.00	203	206
ERODE									
10	Mettukadai	10	52	77	23	348	18.00	184	281
TIRUNELVELI									
11	Kumarapalayam	8	16	77	35	80	22.00	288	408
12	Mangalapuram	9	3	77	22	190	22.30	312	423
13	Nettur	8	54	77	33	100	19.90	338	419
14	Panakudi	8	19	77	53	140	22.90	366	469
15	Sankaneri	8	12	77	40	28	22.60	258	388
16	Alagiyapandiya-puram	8	56	77	39	85	20.90	301	487
17	Ayikudi	9	0	77	21	182	21.40	305	536
18	Achankuttam	8	57	77	28	120	18.60	270	437
19	Puliyankulam	8	19	77	44	40	18.90	188	343
TUTICORIN									
20	Kayathar - I	8	58	77	44	94	22.30	294	413
21	Kayathar - II	8	57	77	48	105	20.50	285	356
KANYAKUMARI									
22	Muppandal	8	16	77	33	100	25.50	406	712
23	Kattadimalai	8	14	77	33	90	23.70	312	488
24	Kannakulam	8	12	77	35	20	21.30	238	375

25	Sembagarman-pudur	8	16	77	31	40	21.70	300	476
RAMANATHAPURAM									
26	Rameswaram	9	17	79	20	4	23.90	290	604
Potential but Unexploited areas									
COIMBATORE									
1	Thannirpandal	10	57	77	19	400	18.20	216	>330
TIRUNELVELI									
2	Gangaikondan	8	51	77	35	60	18.40	246	338
3	Naduvakkurichi	9	7	77	30	160	16.80	157	244
4	Ovari	8	18	77	53	39	18.20	160	378
5	Servallar Hills	8	42	77	21	312	17.80	207	313
6	Talayuthu	8	48	77	40	105	20.50	324	422
KANYAKUMARI									
7	Muttam	8	8	77	19	70	17.10	116	234
TOOTHUKUDI									
8	Onamkulam	8	57	77	51	100	19.90	247	292
9	Ottapidaram	8	54	78	1	40	18.50	221	292
10	Tuticorin	8	50	78	8	3	17.60	148	245
11	Vakaikulam	8	45	78	0	39	16.60	167	256
THENI									
12	Andipatti	10	0	77	33	320	19.00	266	346
13	Meenakshipuram	9	52	77	18	290	16.40	224	334
TIRUVALLUR									
14	Ennore	13	16	80	19	6	19.30	139	243
DINDIGUL									
15	Pushpathur-2	10	33	77	25	340	16.09	128	254

Total potential sites : 41 Exploited areas 26 & Unexploited areas 15