

Technical potential: Only locations with wind > 8.5 m/s

Rank	Country	P50 [TWh/annum]	Capacity [GW]	CF [%]
1	Sudan	11,705.8	3,294.4	40.5%
2	Mauritania	11,515.5	3,307.1	39.7%
3	Algeria	8,591.8	2,602.2	37.7%
4	Chad	7,470.8	1,994.7	42.7%
5	Libya	5,373.6	1,659.9	36.9%
6	Egypt	4,021.2	1,164.4	39.4%
7	Mali	3,654.0	1,173.6	35.5%
8	Niger	3,174.1	940.8	38.5%
9	Somalia	1,652.3	477.1	39.5%
10	Kenya	533.2	139.6	43.6%
11	Morocco	519.1	143.0	41.4%
12	Tunisia	503.0	150.8	38.1%
13	Ethiopia	355.2	107.4	37.7%
14	Somaliland	324.7	97.4	38.1%
15	Madagascar	320.3	91.2	40.0%
16	South Africa	246.9	75.1	37.5%
17	United Republic of Tanzania	184.7	55.9	37.7%
18	Eritrea	179.3	49.5	41.3%
19	Namibia	139.1	38.3	41.4%
20	Djibouti	97.0	26.0	42.5%
21	Malawi	21.3	6.8	35.7%
22	Nigeria	9.4	2.9	36.9%
23	Zambia	7.7	2.5	35.3%
24	Mozambique	7.2	2.2	37.4%
25	South Sudan	3.5	1.1	37.5%
26	Botswana	1.9	0.6	33.4%
27	Zimbabwe	1.9	0.6	36.0%
28	Democratic Republic of the Congo	0.6	0.2	35.6%
29	Ghana	0.6	0.2	36.3%
30	Cameroon	0.6	0.2	36.9%

Total potential for high-wind only
 = 16,600 GW
 = 64,700 TWh/year

