

Technical potential: Only locations with wind > 7.5 m/s

Rank	Country	P50 [TWh/annum]	Capacity [GW]	Average CF [%]
1	Algeria	20,876.5	6,191.1	38.5%
2	Libya	16,909.7	5,079.1	38.0%
3	Sudan	16,129.8	4,627.9	39.8%
4	Mauritania	13,741.4	3,955.1	39.6%
5	Chad	9,618.9	2,646.8	41.5%
6	Mali	9,103.3	2,758.4	37.6%
7	Egypt	7,913.3	2,319.1	38.9%
8	Niger	7,751.7	2,347.8	37.7%
9	Somalia	3,197.0	946.2	38.5%
10	South Africa	1,279.7	404.2	36.1%
11	Ethiopia	1,203.8	375.2	36.6%
12	Tunisia	1,058.5	314.7	38.4%
13	Morocco	992.4	289.8	39.1%
14	Somaliland	949.4	291.9	37.1%
15	Kenya	862.1	242.6	40.5%
16	Madagascar	706.7	210.0	38.4%
17	United Republic of Tanzania	484.3	152.0	36.3%
18	Namibia	410.0	124.1	37.7%
19	Eritrea	276.8	79.4	39.8%
20	Nigeria	239.7	77.5	35.3%
21	Botswana	183.5	59.0	35.5%
22	Djibouti	134.0	37.4	40.9%
23	Zambia	98.1	31.9	35.1%
24	Malawi	88.4	28.2	35.8%
25	Mozambique	70.2	22.2	36.0%
26	Zimbabwe	34.9	11.7	34.0%
27	South Sudan	27.4	8.8	35.5%
28	Cameroon	12.5	4.1	34.8%
29	Senegal	8.7	2.9	34.8%
30	Ghana	8.7	2.7	36.3%

Total potential for all locations > 7.5 m/s:
 = 34,700 GW
 = 118,700 GWh/year