

Table E17.cap. Electricity installed generating capacity: Africa, High Oil Price case

gigawatts

Fuel	2020	2025	2030	2035	2040	2045
Liquid fuels	21	21	7	2	0	0
Natural gas	120	123	136	171	198	209
Coal	48	50	50	50	50	50
Nuclear	2	2	4	6	7	7
Renewables	47	82	116	155	234	366
Hydro	33	42	43	47	53	67
Wind	5	18	30	33	35	38
Geothermal	1	2	5	6	9	9
Solar	6	18	34	66	133	248
Other	2	2	3	4	4	4
Battery storage	0	0	0	0	0	0
Total capacity	237	279	314	385	490	633

Sources: U.S. Energy Information Administration (EIA), World Energy Projection System (2021), run hp_210719.163813.

Notes:

* Totals may not equal sum of components due to independent rounding.

Average annual percentage change, 2020–2050	
2050	2020–2050
0	-16.5
220	2.0
50	0.2
9	5.3
456	7.9
93	3.5
41	6.9
9	9.1
309	14.0
4	3.4
0	0.0
736	3.8