

Table E17.cap. Electricity installed generating capacity: Africa, Low Economic Growth case

gigawatts

Fuel	2020	2025	2030	2035	2040	2045
Liquid fuels	21	21	7	2	0	0
Natural gas	120	123	123	127	141	149
Coal	48	50	50	50	50	50
Nuclear	2	2	4	6	7	7
Renewables	47	82	114	138	172	219
Hydro	33	42	43	45	48	53
Wind	5	18	30	33	35	38
Geothermal	1	2	5	6	9	9
Solar	6	18	33	50	77	115
Other	2	2	3	4	4	4
Battery storage	0	0	0	0	0	0
Total capacity	237	279	300	323	371	426

Sources: U.S. Energy Information Administration (EIA), World Energy Projection System (2021), run Im_210719.163843.

Notes:

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

Average annual percentage change,	
2050	2020–2050
0	-16.1
166	1.1
50	0.2
7	4.7
270	6.0
62	2.1
41	6.9
9	9.1
154	11.4
4	3.1
0	0.0
494	2.5