

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

gigawatts

Fuel	2020	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2020–2050
Liquid fuels	21	21	7	2	0	0	0	-14.2
Natural gas	120	123	135	169	196	204	218	2.0
Coal	48	50	50	50	50	50	50	0.2
Nuclear	2	2	4	6	7	7	9	5.3
Renewables	47	82	115	154	230	364	459	7.9
Hydro	33	42	44	47	55	70	93	3.5
Wind	5	18	30	33	35	38	41	6.9
Geothermal	1	2	5	6	9	9	9	9.1
Solar	6	18	33	64	127	242	312	14.0
Other	2	2	3	4	4	4	4	3.4
Battery storage	0	0	0	0	0	0	0	0.0
Total capacity	237	279	312	380	484	626	736	3.8

Sources: U.S. Energy Information Administration (EIA), World Energy Projection System (2021), run hm_210719.163753.

Notes:

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