

Table E20.cap. Electricity installed generating capacity: Africa, High Economic Growth case

gigawatts

Fuel	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Liquid fuels	21	21	7	1	0	0	0	-16.2%
Natural gas	122	126	127	164	203	237	280	3.0%
Coal	49	50	50	50	50	50	50	0.1%
Nuclear	2	2	4	6	7	7	7	5.1%
Renewables	64	96	132	169	208	277	354	6.3%
Hydro	39	51	58	66	74	82	94	3.2%
Wind	9	16	26	27	28	28	28	4.3%
Geothermal	1	1	4	6	8	8	8	8.5%
Solar	14	25	40	66	94	155	219	10.3%
Other	2	3	4	4	4	4	5	3.6%
Battery storage	0	0	0	0	0	0	0	--
Pumped hydro	3	4	4	4	4	4	4	0.4%
Total capacity	261	299	326	395	473	577	697	3.6%

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run hm_230821.151836

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