

Table E20.cap. Electricity installed generating capacity: Africa, Reference case

gigawatts

Fuel	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Liquid fuels	21	21	7	4	0	0	0	-16.1%
Natural gas	122	126	127	148	170	191	210	2.0%
Coal	49	50	50	50	50	50	50	0.1%
Nuclear	2	2	4	6	7	7	7	5.1%
Renewables	64	92	125	146	169	221	279	5.4%
Hydro	39	50	56	60	65	80	98	3.4%
Wind	9	16	26	27	28	28	28	4.3%
Geothermal	1	1	4	6	8	8	8	8.5%
Solar	14	23	36	49	64	101	140	8.5%
Other	2	3	3	4	4	4	4	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	296	318	359	402	474	551	2.7%

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run r_230822.081459

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