

Table E17.cap. Electricity installed generating capacity: Africa, Reference 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	-16.0
Natural gas	120	123	132	147	160	180	187	1.5
Coal	48	50	50	50	50	50	50	0.2
Nuclear	2	2	4	6	7	7	7	4.7
Renewables	47	82	115	147	206	283	354	7.0
Hydro	33	42	43	45	50	60	80	3.0
Wind	5	18	30	33	35	38	41	6.9
Geothermal	1	2	5	6	9	9	9	9.1
Solar	6	18	33	59	108	172	221	12.7
Other	2	2	3	4	4	4	4	3.2
Battery storage	0	0	0	0	0	0	0	0.0
Total capacity	237	279	309	352	424	521	599	3.1

Sources: U.S. Energy Information Administration (EIA), World Energy Projection System (2021), run r_210719.163829.

Notes:

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