

Table E19.cap. Electricity installed generating capacity: Africa and Middle East, High Zero-carbon Technology Cost case
gigawatts

Fuel	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Liquid fuels	79	80	39	16	7	3	1	-15.4%
Natural gas	368	383	383	430	484	539	585	1.7%
Coal	49	51	50	50	50	51	51	0.1%
Nuclear	10	12	13	17	20	20	20	2.6%
Renewables	94	157	228	250	271	307	338	4.7%
Hydro	55	67	73	77	82	93	102	2.3%
Wind	10	24	43	45	46	47	47	5.7%
Geothermal	1	1	5	6	9	9	9	8.5%
Solar	26	61	103	117	130	154	176	7.0%
Other	2	3	4	4	5	5	5	3.7%
Battery storage	0	0	0	0	0	0	0	--
Pumped hydro	5	6	6	6	6	6	6	0.7%
Total capacity	604	688	720	769	839	925	1,000	1.8%

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run hz_230821.151430

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