

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

Fuel	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Liquid fuels	79	80	38	16	7	3	1	-15.4%
Natural gas	368	383	383	419	461	481	493	1.0%
Coal	49	51	50	50	50	50	50	0.1%
Nuclear	10	13	14	17	20	20	20	2.6%
Renewables	94	156	231	271	306	416	572	6.7%
Hydro	55	68	75	83	83	85	87	1.7%
Wind	10	24	43	46	47	54	60	6.7%
Geothermal	1	1	5	6	6	6	9	8.5%
Solar	26	59	104	131	165	266	411	10.3%
Other	2	3	4	4	4	4	5	3.7%
Battery storage	0	0	0	0	0	9	18	--
Pumped hydro	5	6	6	6	6	6	6	0.7%
Total capacity	604	687	722	780	850	985	1,160	2.4%

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run lz_230821.151531

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