

**Table E19.cap. Electricity installed generating capacity: Africa and Middle East, Reference case**

gigawatts

<b>Fuel</b>	<b>2022</b>	<b>2025</b>	<b>2030</b>	<b>2035</b>	<b>2040</b>	<b>2045</b>	<b>2050</b>	<b>Average annual percentage change, 2022–2050</b>
Liquid fuels	79	80	39	19	7	3	1	-15.4%
Natural gas	368	383	383	419	462	505	540	1.4%
Coal	49	51	50	50	50	51	51	0.1%
Nuclear	10	12	13	17	20	20	20	2.6%
Renewables	94	157	228	253	280	337	399	5.3%
Hydro	55	67	73	77	82	97	116	2.7%
Wind	10	24	43	45	46	47	47	5.7%
Geothermal	1	1	5	6	9	9	9	8.5%
Solar	26	61	103	121	140	180	223	7.9%
Other	2	3	4	4	4	4	5	3.7%
Battery storage	0	0	0	0	0	0	0	--
Pumped hydro	5	6	6	6	6	6	6	0.7%
<b>Total capacity</b>	<b>604</b>	<b>688</b>	<b>720</b>	<b>765</b>	<b>826</b>	<b>921</b>	<b>1,016</b>	<b>1.9%</b>

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.