

**Table E12.cap. Electricity installed generating capacity: Asia Pacific, 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	93	93	44	25	14	11	9	-8.1%
Natural gas	460	520	540	546	611	705	770	1.9%
Coal	1,725	1,803	1,781	1,788	1,820	1,853	1,889	0.3%
Nuclear	108	126	146	168	183	193	206	2.3%
Renewables	1,633	2,042	2,474	2,945	3,549	4,103	4,529	3.7%
Hydro	523	577	620	651	666	680	693	1.0%
Wind	417	485	583	748	974	1,120	1,143	3.7%
Geothermal	6	6	9	10	11	11	11	2.0%
Solar	628	909	1,196	1,470	1,824	2,218	2,607	5.2%
Other	59	65	66	67	75	75	75	0.9%
Battery storage	46	52	95	186	289	478	683	10.1%
Pumped hydro	91	120	131	133	133	133	133	1.3%
<b>Total capacity</b>	<b>4,158</b>	<b>4,756</b>	<b>5,212</b>	<b>5,791</b>	<b>6,599</b>	<b>7,477</b>	<b>8,218</b>	<b>2.5%</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.