

Table E9.cap. Electricity installed generating capacity: Western Europe, High Economic Growth case

gigawatts

Fuel	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Liquid fuels	60	61	42	31	25	24	24	-3.2%
Natural gas	299	305	305	285	272	263	259	-0.5%
Coal	171	171	120	120	120	120	120	-1.2%
Nuclear	124	127	107	108	109	109	109	-0.5%
Renewables	683	802	909	964	1,037	1,187	1,375	2.5%
Hydro	191	214	217	217	217	217	217	0.5%
Wind	241	277	318	323	329	345	367	1.5%
Geothermal	3	6	8	8	8	8	8	3.1%
Solar	193	233	286	331	390	518	677	4.6%
Other	55	71	80	86	92	99	106	2.4%
Battery storage	0	0	0	17	34	92	150	--
Pumped hydro	47	48	48	48	48	48	48	0.1%
Total capacity	1,384	1,514	1,532	1,574	1,645	1,844	2,084	1.5%

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run hm_230821.151836

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