

Table E8.cap. Electricity installed generating capacity: Europe and Eurasia, High Zero-carbon Technology Cost case

gigawatts

Fuel	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Liquid fuels	77	78	53	41	34	34	33	-3.0%
Natural gas	474	483	508	512	525	544	571	0.7%
Coal	269	272	224	228	228	228	228	-0.6%
Nuclear	168	173	151	156	156	154	155	-0.3%
Renewables	782	908	1,015	1,032	1,057	1,108	1,181	1.5%
Hydro	272	297	300	301	301	302	302	0.4%
Wind	245	283	324	327	330	336	344	1.2%
Geothermal	3	6	8	8	8	8	8	3.1%
Solar	206	247	300	308	323	363	422	2.6%
Other	56	75	83	88	94	99	105	2.2%
Battery storage	0	0	0	0	0	42	84	--
Pumped hydro	50	51	52	52	52	52	52	0.1%
Total capacity	1,820	1,964	2,003	2,020	2,051	2,162	2,303	0.8%

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.