

Table E9.gen. Electricity generation: Western Europe, Low Economic Growth case

billion kilowatthours

Fuel	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Liquid fuels	97	97	66	49	36	35	35	-3.6%
Natural gas	777	792	792	743	707	676	650	-0.6%
Coal	501	445	265	255	242	226	311	-1.7%
Nuclear	734	723	733	727	720	702	616	-0.6%
Renewables	1,649	1,861	2,041	2,260	2,506	2,739	2,837	2.0%
Hydro	621	697	706	712	754	754	754	0.7%
Wind	474	544	625	626	717	901	934	2.4%
Geothermal	22	38	40	40	40	40	44	2.5%
Solar	209	184	225	404	482	495	519	3.3%
Other	323	398	444	478	514	549	586	2.2%
Net generation to grid	3,758	3,918	3,897	4,035	4,211	4,379	4,448	0.6%

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run lm_230821.151939

Note: Totals may not equal sum of components due to independent rounding. Net generation to grid represents gross generation minus losses from thermal efficiency and parasitic load.