

Table E9.gen. Electricity generation: Western Europe, Low Oil Price case

billion kilowatthours

Fuel	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Liquid fuels	97	97	67	50	37	36	36	-3.5%
Natural gas	777	792	792	751	719	691	669	-0.5%
Coal	501	448	271	259	247	322	344	-1.3%
Nuclear	734	723	733	727	720	702	702	-0.2%
Renewables	1,649	1,864	2,163	2,476	2,824	2,994	3,221	2.4%
Hydro	621	697	706	753	755	755	755	0.7%
Wind	474	544	623	706	935	947	963	2.6%
Geothermal	22	38	52	51	51	57	57	3.4%
Solar	209	184	332	478	553	664	831	5.1%
Other	323	400	450	489	530	571	615	2.3%
Net generation to grid	3,758	3,924	4,026	4,263	4,546	4,746	4,971	1.0%

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run Ip_230823.090253

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.