

Table E1.gen. Electricity generation: World, Low Oil Price case

billion kilowatthours

Fuel	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Liquid fuels	733	738	379	196	107	70	57	-8.7%
Natural gas	6,700	6,568	6,471	6,645	7,129	7,700	8,226	0.7%
Coal	9,696	9,504	9,317	9,547	9,519	9,527	9,595	0.0%
Nuclear	2,666	2,786	3,028	3,163	3,221	3,230	3,313	0.8%
Renewables	8,448	10,048	12,655	14,679	16,819	19,042	20,934	3.3%
Hydro	4,320	4,713	4,976	5,254	5,333	5,436	5,514	0.9%
Wind	1,967	2,361	3,245	3,993	4,984	5,525	5,711	3.9%
Geothermal	67	110	192	216	241	251	255	4.9%
Solar	1,421	2,229	3,568	4,535	5,575	7,009	8,553	6.6%
Other	673	635	673	680	686	820	901	1.0%
Net generation to grid	28,244	29,644	31,850	34,230	36,795	39,568	42,125	1.4%

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run Ip_230823.090253 and Annual Energy Outlook 2023 (March 2023), www.eia.gov/aeo

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.