

Table E11.gen. Electricity generation: Eastern Europe and Eurasia, High Zero-carbon Technology Cost case

billion kilowatthours

Fuel	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Liquid fuels	3	3	3	3	3	3	3	-0.5%
Natural gas	197	205	205	222	299	385	481	3.2%
Coal	117	117	140	151	151	151	151	0.9%
Nuclear	44	52	77	101	101	101	111	3.4%
Renewables	94	107	119	125	124	129	129	1.1%
Hydro	82	88	89	92	92	95	95	0.5%
Wind	4	7	7	9	9	10	10	3.8%
Geothermal	0	0	1	1	1	1	1	--
Solar	6	10	20	21	21	22	22	4.7%
Other	2	2	2	2	1	1	1	-1.2%
Net generation to grid	455	484	544	602	678	769	875	2.4%

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. Net generation to grid represents gross generation minus losses from thermal efficiency and parasitic load.