

Table E8.gen. Electricity generation: Europe and Eurasia, High Oil Price case

billion kilowatthours

Fuel	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Liquid fuels	117	116	76	54	41	40	39	-3.8%
Natural gas	1,473	1,501	1,589	1,635	1,737	1,847	1,994	1.1%
Coal	802	750	556	532	518	611	616	-0.9%
Nuclear	995	1,003	1,044	1,062	1,055	1,036	1,039	0.2%
Renewables	1,963	2,178	2,466	2,829	3,173	3,354	3,589	2.2%
Hydro	915	982	987	1,056	1,057	1,060	1,063	0.5%
Wind	483	552	632	720	955	971	987	2.6%
Geothermal	23	39	53	52	52	59	59	3.4%
Solar	218	197	331	499	574	691	863	5.0%
Other	324	408	463	501	534	574	618	2.3%
Net generation to grid	5,350	5,548	5,730	6,112	6,524	6,888	7,278	1.1%

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run hp_230822.081357

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.