

**Table E8.gen. Electricity generation: Europe and Eurasia, Reference case**

billion kilowatthours

<b>Fuel</b>	<b>2022</b>	<b>2025</b>	<b>2030</b>	<b>2035</b>	<b>2040</b>	<b>2045</b>	<b>2050</b>	<b>Average annual percentage change, 2022–2050</b>
Liquid fuels	117	116	75	54	41	40	39	-3.9%
Natural gas	1,473	1,499	1,587	1,631	1,731	1,841	1,962	1.0%
Coal	802	752	557	532	519	586	616	-0.9%
Nuclear	995	1,003	1,044	1,062	1,055	1,036	1,039	0.2%
Renewables	1,963	2,186	2,472	2,826	3,172	3,362	3,602	2.2%
Hydro	915	989	987	1,056	1,057	1,060	1,060	0.5%
Wind	483	552	633	714	949	967	983	2.6%
Geothermal	23	39	53	52	52	59	59	3.4%
Solar	218	197	336	502	578	701	882	5.1%
Other	324	409	464	502	535	575	618	2.3%
<b>Net generation to grid</b>	<b>5,350</b>	<b>5,556</b>	<b>5,735</b>	<b>6,106</b>	<b>6,518</b>	<b>6,865</b>	<b>7,258</b>	<b>1.1%</b>

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run r\_230822.081459

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.