

Table E2.gen. Electricity generation: OECD, High Economic Growth case

billion kilowatthours

Fuel	2020	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2020–2050
Liquid fuels	182	175	83	51	35	25	23	-6.7
Natural gas	3,345	3,351	3,475	3,498	3,674	3,784	3,963	0.6
Coal	1,842	1,640	1,546	1,535	1,453	1,403	1,342	-1.0
Nuclear	1,859	1,898	1,793	1,758	1,635	1,435	1,326	-1.1
Renewables	3,128	4,257	5,115	5,998	6,898	8,025	9,038	3.6
Hydro	1,479	1,607	1,680	1,702	1,728	1,792	1,813	0.7
Wind	960	1,493	1,817	2,371	2,949	3,607	4,097	5.0
Geothermal	52	58	80	92	100	106	110	2.6
Solar	466	914	1,329	1,581	1,823	2,204	2,670	6.0
Other	171	185	208	253	298	316	348	2.4
Net generation to grid	10,356	11,321	12,012	12,841	13,694	14,673	15,692	1.4

Sources: U.S. Energy Information Administration (EIA), World Energy Projection System (2021), run hm_210719.163753; and EIA, *Annual Energy Outlook 2021*, (February 2021), www.eia.gov/aeo

Notes:

* Totals may not equal sum of components due to independent rounding.

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