

Table E2.gen. Electricity generation: OECD, Reference case

billion kilowatthours

Fuel	2020	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2020–2050
Liquid fuels	182	175	82	46	29	20	18	-7.4
Natural gas	3,353	3,294	3,346	3,302	3,348	3,424	3,517	0.2
Coal	1,834	1,536	1,413	1,394	1,386	1,304	1,263	-1.2
Nuclear	1,859	1,898	1,768	1,733	1,594	1,403	1,286	-1.2
Renewables	3,127	4,236	5,019	5,794	6,508	7,416	8,229	3.3
Hydro	1,479	1,601	1,672	1,694	1,714	1,733	1,756	0.6
Wind	960	1,489	1,811	2,300	2,767	3,359	3,708	4.6
Geothermal	52	58	79	89	98	103	108	2.5
Solar	466	908	1,264	1,480	1,670	1,941	2,359	5.6
Other	171	179	193	230	260	280	299	1.9
Net generation to grid	10,355	11,138	11,628	12,268	12,865	13,567	14,313	1.1

Sources: U.S. Energy Information Administration (EIA), World Energy Projection System (2021), run r_210719.163829; 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.