

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

billion kilowatthours

Fuel	2020	2025	2030	2035	2040	2045
Liquid fuels	182	175	82	45	29	19
Natural gas	3,344	3,232	3,237	3,153	3,132	3,126
Coal	1,843	1,427	1,341	1,330	1,303	1,280
Nuclear	1,859	1,898	1,737	1,693	1,555	1,354
Renewables	3,127	4,228	4,909	5,508	6,115	6,844
Hydro	1,479	1,593	1,660	1,684	1,706	1,724
Wind	960	1,487	1,792	2,184	2,568	3,002
Geothermal	52	58	63	88	95	100
Solar	466	915	1,207	1,333	1,510	1,769
Other	171	176	187	220	236	249
Net generation to grid	10,355	10,960	11,307	11,729	12,133	12,623

Sources: U.S. Energy Information Administration (EIA), World Energy Projection System (2021), run Im_210719.163843; and EIA, (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.

Average annual percentage change,	
2050	2020–2050
18	-7.4
3,214	-0.1
1,181	-1.5
1,245	-1.3
7,485	3.0
1,746	0.6
3,299	4.2
105	2.4
2,073	5.1
263	1.4
13,144	0.8

Annual Energy Outlook 2021 ,