

Table E3.gen. Electricity generation: United States, Low Economic Growth case

billion kilowatthours

Fuel	2020	2025	2030	2035	2040	2045
Liquid fuels	16	10	9	8	7	6
Natural gas	1,627	1,511	1,511	1,538	1,602	1,672
Coal	783	660	661	630	596	562
Nuclear	785	745	599	569	555	551
Renewables	850	1,335	1,563	1,719	1,872	2,050
Hydro	283	295	295	294	294	294
Wind	343	634	677	731	747	755
Geothermal	16	19	25	31	37	42
Solar	132	306	481	573	701	864
Other	76	82	85	89	93	97
Net generation to grid	4,061	4,261	4,343	4,464	4,632	4,841

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
6	-3.3
1,793	0.3
531	-1.3
553	-1.2
2,217	3.2
294	0.1
771	2.7
46	3.7
1,005	7.0
101	0.9
5,099	0.8

Annual Energy Outlook 2021 ,