

Table E10.gen. Electricity generation: Non-OECD, Low Economic Growth case

billion kilowatthours

Fuel	2020	2025	2030	2035	2040	2045
Liquid fuels	511	513	247	112	52	25
Natural gas	3,105	3,245	3,378	3,371	3,222	3,125
Coal	6,390	5,892	5,485	5,619	5,722	5,823
Nuclear	771	939	1,146	1,320	1,490	1,617
Renewables	3,862	5,884	7,111	8,099	9,481	10,929
Hydro	2,555	3,017	3,202	3,316	3,435	3,489
Wind	781	1,304	1,684	2,000	2,341	2,565
Geothermal	38	71	109	124	140	145
Solar	366	1,344	1,922	2,430	3,309	4,441
Other	120	147	195	228	256	289
Net generation to grid	14,638	16,472	17,367	18,522	19,966	21,519

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

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
12	-11.8
3,145	0.0
5,715	-0.4
1,739	2.7
12,093	3.9
3,558	1.1
2,641	4.1
145	4.5
5,427	9.4
321	3.3
22,703	1.5