

Table E10.gen. Electricity generation: Non-OECD, Reference case

billion kilowatthours

Fuel	2020	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2020–2050
Liquid fuels	511	513	244	110	51	24	11	-11.9
Natural gas	3,105	3,547	3,788	3,668	3,620	3,637	3,789	0.7
Coal	6,390	6,093	5,763	6,097	6,416	6,816	6,853	0.2
Nuclear	771	939	1,146	1,320	1,490	1,617	1,739	2.7
Renewables	3,862	5,934	7,730	9,455	11,415	13,346	15,248	4.7
Hydro	2,555	3,018	3,250	3,371	3,497	3,604	3,793	1.3
Wind	781	1,325	1,773	2,232	2,759	3,050	3,126	4.7
Geothermal	38	72	109	125	141	146	146	4.6
Solar	366	1,366	2,391	3,468	4,722	6,204	7,793	10.7
Other	120	153	207	259	297	342	391	4.0
Net generation to grid	14,638	17,026	18,671	20,650	22,993	25,439	27,639	2.1

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

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.