

Table E14.gen. Electricity generation: India, Reference case

billion kilowatthours

Fuel	2020	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2020–2050
Liquid fuels	8	8	3	0	0	0	0	-15.3
Natural gas	90	73	73	61	51	43	43	-2.4
Coal	965	939	888	1,049	1,210	1,357	1,217	0.8
Nuclear	36	52	69	76	106	128	151	4.9
Renewables	332	882	1,510	2,028	2,565	3,279	4,325	8.9
Hydro	138	223	286	295	300	305	310	2.7
Wind	109	219	376	614	918	1,124	1,147	8.2
Geothermal	0	0	0	0	0	0	0	--
Solar	45	379	770	1,020	1,224	1,694	2,676	14.6
Other	40	61	78	99	123	155	192	5.4
Net generation to grid	1,431	1,953	2,542	3,215	3,933	4,807	5,737	4.7

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.