

Table E14.gen. Electricity generation: India, High Economic Growth 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	38	-2.8
Coal	965	1,048	1,092	1,220	1,333	1,425	1,631	1.8
Nuclear	36	52	69	76	106	128	151	4.9
Renewables	332	887	1,559	2,253	3,059	4,132	5,220	9.6
Hydro	138	223	287	300	305	310	315	2.8
Wind	109	219	376	679	1,053	1,222	1,245	8.5
Geothermal	0	0	0	0	0	0	0	--
Solar	45	379	810	1,162	1,557	2,412	3,423	15.5
Other	40	66	86	112	144	188	237	6.1
Net generation to grid	1,431	2,067	2,795	3,610	4,550	5,729	7,040	5.5

Sources: U.S. Energy Information Administration (EIA), World Energy Projection System (2021), run hm_210719.163753.

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.