

Table E14.gen. Electricity generation: India, High Oil Price case

billion kilowatthours

Fuel	2020	2025	2030	2035	2040	2045
Liquid fuels	8	8	3	0	0	0
Natural gas	90	77	73	61	51	43
Coal	965	1,053	1,057	1,071	1,121	1,357
Nuclear	36	52	69	76	106	128
Renewables	332	886	1,628	2,504	3,447	4,412
Hydro	138	223	287	300	305	310
Wind	109	219	376	674	1,070	1,312
Geothermal	0	0	0	0	0	0
Solar	45	379	877	1,412	1,917	2,592
Other	40	65	88	118	154	198
Net generation to grid	1,431	2,076	2,830	3,713	4,726	5,940

Sources: U.S. Energy Information Administration (EIA), World Energy Projection System (2021), run hp_210719.163813.

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
0	-15.5
43	-2.4
1,355	1.1
151	4.9
5,752	10.0
315	2.8
1,335	8.7
0	--
3,850	16.0
251	6.3
7,301	5.6