

Table E10.gen. Electricity generation: Non-OECD, High Oil Price case

billion kilowatthours

Fuel	2020	2025	2030	2035	2040	2045
Liquid fuels	511	513	245	109	49	22
Natural gas	3,105	3,645	4,411	4,211	4,328	4,438
Coal	6,390	6,518	6,181	6,599	6,995	7,787
Nuclear	771	939	1,146	1,320	1,490	1,617
Renewables	3,862	5,988	8,227	11,105	14,229	17,337
Hydro	2,555	3,023	3,349	3,529	3,698	3,947
Wind	781	1,354	1,993	2,721	3,361	3,733
Geothermal	38	72	112	125	141	145
Solar	366	1,379	2,542	4,423	6,669	9,084
Other	120	160	230	308	360	429
Net generation to grid	14,638	17,603	20,210	23,343	27,091	31,201

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
9	-12.6
4,763	1.4
8,535	1.0
1,749	2.8
20,383	5.7
4,134	1.6
3,859	5.5
146	4.6
11,734	12.3
510	4.9
35,438	3.0