

Table E16.gen. Electricity generation: Middle East, High Oil Price case

billion kilowatthours

Fuel	2020	2025	2030	2035	2040	2045
Liquid fuels	291	291	156	76	33	13
Natural gas	872	933	933	931	984	1,068
Coal	0	0	34	36	10	36
Nuclear	6	41	58	73	83	83
Renewables	22	66	159	343	545	634
Hydro	18	18	25	25	25	25
Wind	1	14	46	54	59	64
Geothermal	0	0	1	1	1	1
Solar	3	34	86	262	459	543
Other	0	0	0	0	0	0
Net generation to grid	1,191	1,331	1,340	1,460	1,656	1,834

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
4	-13.2
1,190	1.0
36	--
83	9.2
693	12.2
26	1.2
69	15.8
1	--
597	19.0
0	--
2,006	1.8