

Table E16.gen. Electricity generation: Middle East, Reference case

billion kilowatthours

Fuel								Average annual percentage change, 2020–2050
	2020	2025	2030	2035	2040	2045	2050	
Liquid fuels	291	291	156	76	33	13	4	-13.2
Natural gas	872	933	933	836	836	878	951	0.3
Coal	0	0	9	0	10	33	32	--
Nuclear	6	41	58	73	83	83	83	9.2
Renewables	22	65	155	331	487	550	586	11.6
Hydro	18	18	25	25	25	25	25	1.2
Wind	1	14	46	54	59	64	69	15.8
Geothermal	0	0	1	1	1	1	1	--
Solar	3	34	82	250	401	458	490	18.2
Other	0	0	0	0	0	0	0	--
Net generation to grid	1,191	1,331	1,311	1,317	1,449	1,556	1,656	1.1

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.