

Table E11.gen. Electricity generation: Russia, High Oil Price case

billion kilowatthours

Fuel	2020	2025	2030	2035	2040	2045
Liquid fuels	7	7	0	0	0	0
Natural gas	499	570	650	643	656	665
Coal	180	190	192	246	254	239
Nuclear	204	229	234	234	234	234
Renewables	189	206	218	258	323	404
Hydro	187	203	203	205	206	208
Wind	0	0	6	30	69	98
Geothermal	0	1	1	1	1	0
Solar	1	3	7	20	45	95
Other	0	0	0	3	3	4
Net generation to grid	1,078	1,202	1,293	1,380	1,467	1,542

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.

2050	Average annual percentage change, 2020–2050
0	-13.9
665	1.0
251	1.1
227	0.4
467	3.1
209	0.4
104	23.6
1	1.3
149	20.0
4	14.1
1,610	1.3