

Table E4.gen. Electricity generation: Canada, Reference case

billion kilowatthours

Fuel	2020	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2020–2050
Liquid fuels	5	5	1	0	0	0	0	-17.3
Natural gas	64	74	89	110	141	167	183	3.6
Coal	34	28	9	0	0	0	0	-100.0
Nuclear	87	71	77	72	51	39	28	-3.7
Renewables	430	484	526	563	599	633	666	1.5
Hydro	389	411	430	430	430	430	430	0.3
Wind	33	65	87	118	151	184	215	6.4
Geothermal	0	0	0	0	0	0	0	0.0
Solar	4	4	4	4	4	4	4	0.3
Other	4	4	5	11	13	16	18	5.1
Net generation to grid	620	662	701	745	791	839	878	1.2

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.