

Table A9. World consumption of hydroelectricity and other renewable energy by region, Reference case, 2015-50

quadrillion Btu

Region	2015	2020	2025	2030	2035	2040	2045	2050	Average annual percent change (2015-50)
OECD									
OECD Americas	14.0	16.1	18.1	19.0	20.2	21.4	22.7	23.8	1.5
United States /a	8.4	10.4	12.5	13.0	13.5	14.4	15.4	16.2	1.9
Canada	4.4	4.5	4.5	4.6	4.8	5.0	5.2	5.3	0.5
Mexico and Chile	1.2	1.1	1.1	1.4	1.8	2.0	2.1	2.3	1.9
OECD Europe	13.6	14.5	17.2	19.2	19.4	20.4	20.9	21.7	1.3
OECD Asia	3.2	3.3	4.4	5.0	5.3	5.6	6.0	6.4	2.0
Japan	2.0	1.9	2.4	2.4	2.5	2.5	2.5	2.5	0.7
South Korea	0.2	0.2	0.5	0.9	0.9	1.0	1.0	1.1	4.7
Australia and New Zealand	0.9	1.2	1.5	1.7	1.9	2.1	2.4	2.7	3.1
Total OECD	30.7	33.8	39.7	43.2	44.9	47.4	49.6	51.9	1.5
Non-OECD									
Non-OECD Europe and Eurasia	3.3	3.3	3.3	3.7	3.8	4.0	4.2	4.5	0.9
Russia	1.8	1.8	1.8	2.2	2.3	2.3	2.3	2.3	0.7
Other	1.5	1.5	1.5	1.5	1.5	1.7	1.9	2.2	1.1
Non-OECD Asia	22.8	30.8	35.4	42.5	46.9	52.0	57.3	62.4	2.9
China	14.2	21.3	24.5	27.3	30.1	33.0	35.8	38.7	2.9
India	4.0	4.9	6.0	7.1	8.3	9.8	11.2	12.4	3.3
Other	4.5	4.6	4.9	8.1	8.4	9.3	10.3	11.3	2.7
Middle East	0.2	0.2	0.7	0.9	1.2	1.5	1.6	1.8	6.1
Africa	4.6	4.6	4.7	6.2	8.0	9.0	9.7	10.4	2.3
Non-OECD Americas	10.1	10.0	11.0	12.0	13.2	14.0	14.9	15.7	1.3
Brazil	6.6	6.6	7.6	8.2	8.8	9.5	10.0	10.5	1.3
Other	3.5	3.4	3.4	3.9	4.4	4.6	4.9	5.2	1.1
Total Non-OECD	41.0	48.9	55.1	65.3	73.1	80.6	87.8	94.8	2.4
Total World	71.7	82.7	94.8	108.4	117.9	128.0	137.3	146.6	2.1

a/ Includes the 50 states and the District of Columbia.

Sources: U.S. Energy Information Administration (EIA), World Energy Projection System Plus (2017), run IEO2017_d2017.08.23_153156 and EIA, *Annual Energy Outlook 2017*, DOE/EIA-0383(2017) (Washington, DC: January 2017); AEO2017 National Energy Modeling System, run ref2017.d120816a, www.eia.gov/aeo.