

Table A9. World consumption of hydroelectricity and other renewable energy by region, Reference case, 2011–40 (quadrillion Btu)

Region	History		Projections					Average annual percent change, 2012–40
	2011	2012	2020	2025	2030	2035	2040	
OECD								
OECD Americas	13.1	12.9	15.6	16.6	17.5	18.6	20.3	1.6
United States ^a	7.9	7.7	9.3	9.7	9.9	10.4	11.3	1.4
Canada	4.3	4.2	4.8	5.1	5.5	5.8	6.3	1.4
Mexico and Chile	0.9	1.0	1.5	1.8	2.1	2.4	2.7	3.7
OECD Europe	10.7	11.5	15.7	16.7	17.3	18.5	19.6	1.9
OECD Asia	2.5	2.5	4.1	4.6	5.1	5.4	5.7	3.0
Japan	1.6	1.6	2.3	2.5	2.7	2.8	2.7	2.0
South Korea	0.2	0.2	0.7	0.8	1.0	1.1	1.2	7.1
Australia and New Zealand	0.7	0.7	1.2	1.2	1.4	1.5	1.8	3.2
Total OECD	26.3	27.0	35.5	37.9	39.8	42.5	45.5	1.9
Non-OECD								
Non-OECD Europe and Eurasia	3.0	3.0	3.4	3.8	4.0	4.3	4.4	1.4
Russia	1.7	1.7	1.8	2.2	2.4	2.5	2.5	1.3
Other	1.3	1.3	1.6	1.6	1.6	1.8	1.9	1.5
Non-OECD Asia	16.1	18.8	31.5	37.1	42.1	47.2	52.6	3.7
China	8.9	11.4	21.0	23.7	26.2	28.8	31.3	3.7
India	3.3	3.3	4.7	6.4	7.7	9.1	10.8	4.3
Other	3.9	4.1	5.8	7.1	8.2	9.3	10.5	3.4
Middle East	0.2	0.2	0.8	1.4	1.6	2.3	2.6	9.0
Africa	4.3	4.5	5.4	6.8	7.8	9.0	10.3	3.0
Non-OECD Americas	10.4	10.3	10.5	11.9	12.8	14.3	15.9	1.6
Brazil	7.0	6.8	7.0	8.0	8.6	9.8	11.1	1.7
Other	3.5	3.4	3.5	3.9	4.2	4.5	4.9	1.2
Total Non-OECD	34.1	36.8	51.5	60.9	68.3	77.0	85.8	3.1
Total World	60.4	63.8	87.0	98.8	108.1	119.5	131.4	2.6

^aIncludes the 50 States and the District of Columbia.

Notes: Totals may not equal sum of components due to independent rounding. U.S. totals include net electricity imports, methanol, and liquid hydrogen. Other renewable energy includes wind, geothermal, solar, biomass, waste, and tide/wave/ocean.

Sources: History: U.S. Energy Information Administration (EIA), International Energy Statistics database (as of May 2015), www.eia.gov/ies; and International Energy Agency, "Balances of OECD and Non-OECD Statistics" (2014), www.iea.org (subscription site). Projections: EIA, *Annual Energy Outlook 2015*, DOE/EIA-0383(2015) (Washington, DC: April 2015); AEO2015 National Energy Modeling System, run REF2015.D021915A, www.eia.gov/aeo; and World Energy Projection System Plus (2016), run IEO2016-reference_final_2016.02.19_115008.