

International Energy Outlook 2005

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Table A8. World Consumption of Hydroelectricity and Other Renewable Energy by Region, Reference Case, 1990-2025 (also available in xls)
(Quadrillion Btu)

Region/Country	History			Projections				Average Annual Percent Change, 2002-2025
	1990	2001	2002	2010	2015	2020	2025	
Mature Market Economies								
North America	9.5	9.0	9.5	11.3	12.1	13.0	14.1	1.7
United States a/	6.0	5.2	5.9	6.9	7.2	7.7	8.3	1.5
Canada	3.1	3.4	3.3	3.8	4.2	4.6	5.1	1.9
Mexico	0.3	0.4	0.4	0.6	0.6	0.7	0.7	3.0
Western Europe	4.5	6.0	5.5	6.1	6.4	6.8	7.4	1.3
Mature Market Asia	1.6	1.5	1.6	1.7	1.9	2.0	2.3	1.6
Japan	1.1	1.0	1.1	1.2	1.3	1.5	1.7	1.9
Australia/New Zealand	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.8
Total Mature Market	15.6	16.5	16.6	19.1	20.3	21.8	23.8	1.6
Transitional Economies								
Former Soviet Union	2.4	2.5	2.5	2.7	2.7	2.7	2.7	0.4
Russia	1.8	1.8	1.9	2.2	2.2	2.2	2.2	0.7
Other FSU	0.6	0.7	0.6	0.6	0.6	0.6	0.6	-0.6
Eastern Europe	0.4	0.6	0.6	0.6	0.7	0.8	0.9	1.6
Total Transitional	2.8	3.0	3.1	3.4	3.4	3.6	3.6	0.7
Emerging Economies								
Emerging Asia	3.2	4.9	5.4	8.8	9.5	10.2	11.6	3.4
China	1.3	2.6	3.1	5.2	5.7	6.2	6.7	3.4
India	0.7	0.8	0.7	1.3	1.4	1.4	1.7	3.8
South Korea	0.0	0.0	0.0	0.1	0.1	0.1	0.1	4.6
Other Asia	1.1	1.4	1.5	2.2	2.3	2.5	3.0	3.1
Middle East	0.4	0.4	0.5	1.0	1.0	1.1	1.1	3.3
Africa	0.6	0.8	0.8	1.0	1.1	1.2	1.4	2.2
Central and South America	3.9	5.4	5.7	6.6	7.0	7.2	7.4	1.2
Brazil	2.2	2.8	3.0	3.3	3.4	3.7	4.0	1.2
Other Central/South America	1.7	2.6	2.7	3.4	3.5	3.5	3.5	1.2
Total Emerging	8.0	11.5	12.4	17.3	18.6	19.8	21.5	2.4
Total World	26.4	31.1	32.1	39.8	42.4	45.2	48.9	1.9

a/ Includes 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 Sources: History: Energy Information Administration (EIA), International Energy Annual 2002, DOE/EIA-0219(2002) (Washington, DC, March 2004), web site www.eia.doe.gov/iea/. Projections: EIA, Annual Energy Outlook 2005, DOE/EIA-0383(2005) (Washington, DC, February 2005), October futures case, AEO2005 National Energy Modeling System, run CF2005.D111104A, web site www.eia.doe.gov/oiaf/aeo/; and System for the Analysis of Global Energy Markets (2005).